# Nordbau 2017: Wirtgen Group is a pathbreaker in Road und Mineral Technologies

The Wirtgen Group, with its product brands Wirtgen, Vögele, Hamm, Kleemann and Benninghoven, will be showcasing leading technologies for the entire road construction process chain in Neumünster (Booth F-Nord-245, Kieler Strasse). The mobile Kleemann MOBISCREEN MS 702 screening plant will also be celebrating its trade fair debut.

**Wirtgen: Cold milling machines – Solutions for every application**

As the market leader, Wirtgen offers the widest range of cold milling machine products in the industry. Customers can choose from over 30 different types of machines, each additionally available with different milling widths. The range extends from the small milling machines in the lower performance class with an output of 45 kW through the compact milling machines with engine outputs of between 257 and 298 kW to the large milling machines in the top performance class with outputs of up to 753 kW. As a result, customers have a choice of cutting-edge machines and technologies for all road rehabilitations applications. In Neumünster, the milling machine specialist will be exhibiting the W 50 Ri. Like all models in the small milling machine generation, the main winning feature of the W 50 Ri is the new control concept, which greatly speeds up working processes with its numerous added and automated functions.

**Vögele: SUPER 1800-3i, the innovative tracked paver**

The Vögele SUPER 1800 class is legendary. No other asphalt paver enjoys greater popularity among professional road building contractors the world over. In its development, special focus was also placed on the ecological, economic and ergonomic aspects. The Vögele EcoPlus package, for instance, significantly reduces both fuel consumption and noise levels. The ErgoPlus operating system has been upgraded to ErgoPlus 3 and now offers numerous additional ergonomic and functional features for the "Dash 3" generation. The paver operator's console comes with a large four-color display which provides brilliant readability even in poor lighting conditions. In addition, the AutoSet Plus and PaveDock Assistant functions make the paver even easier to work with. With a maximum paving width of 10 m and a machine length of just 6 m, this paver handles highway projects, rural roads or the surfacing of large areas just as easily as tight traffic circles.

**Hamm: Intelligent compaction technology and simple operation**

As a trendsetter and technology leader, Hamm offers by far the widest range of compaction machines for asphalt and soil compaction. Apart from their high compaction performance and excellent operational and handling characteristics, the Hamm rollers are above all prized for their intuitive, simple and ergonomically optimized operation and superb visibility. Other assets include intelligent compaction technologies such as oscillation for asphalt and soil compaction and new drive systems such as the environmentally friendly power hybrid drive. The innovative Easy Drive operating concept – the integral solution for comfortable, safe and simple operation – also is unique on the market. Implemented across all type series, this concept permits uniform operation of all the heavy tandem rollers and compactors from Hamm – including the pivot-steered DV+ 90i tandem roller which will be on view at Nordbau.

For asphalt compaction, Hamm also offers the articulated tandem rollers of the HD+ series (7–14 t) and the HD CompactLine series (1.5–4.5 t), as well as various pneumatic tyre rollers (4–28 t). Apart from the compactors in the 3000 series (10–25 t) and the H series (11–25 t), Hamm's range of soil compaction products also includes a series of compact models: the H CompactLine (5–7 t). The soil compaction range is wrapped up by the H 25i VC compactor with VC crusher drum, a machine which can crush and compact hard material in a single pass.

**Kleemann: Compact screening and crushing plants for flexible applications**

Kleemann will be exhibiting as many as two machines from its EVO series, each featuring excellent transport properties, flexibility and high performance. The latest development from the Göppingen-based company is the MS 702 EVO double-deck classifying screen. In the upper deck, it has a 7-m² screening surface and achieves an output of up to 350 t/h. All components are easily accessible from the ground or working platforms. As a result, the bottom deck is easy to reach when the main discharge conveyor is lowered, simplifying the process of changing the screen surface. The plant is operated via a touch panel and a remote control. This ensures that all plant functions are easy to monitor and control. The MOBICAT MC 100 R EVO mobile jaw crusher – a plant whose compact dimensions make it the ideal choice for use on changing operation sites – also features an intuitive control system. It boasts an impressive hourly output of up to 220 t.

**Benninghoven: Mastic asphalt technology – All from a single source**

From manufacture and storage to transport, Benninghoven supplies the technology needed for mastic asphalt applications. The type GKL mobile mixers with horizontal mixing shaft and hydraulic or electric direct drive are perfectly designed for homogenization and optimum mixing during transport. They are available with loading capacities of 5, 7.5 and 10 m³. This equates to capacities of 12, 18 or 24 t of mastic asphalt at a density of 2.4 t/m³.

The compact design is ideal for mobile and stationary applications. A very wide range of setup options are available to this end, be it full trailer, tandem trailer, semi-trailer, hook-lift roll-off, interchangeable frame or individual customized options. At Nordbau, Benninghoven will be showcasing the GKL Hydraulic 5. This weight-optimized asphalt mixer is equipped with fully automatic oil firing and sets the highest standards in terms of handling, operation, ergonomic design, accessibility and occupational safety. Continuous temperature monitoring guarantees a consistently high mixture quality and protects peripheral equipment. The extra-powerful driving torque of the agitator for high-viscosity mastic asphalts is yet another notable feature.

**Photos**:

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|  | W\_photo\_W50Ri\_01483\_HI The RAP loading systems of the Wirtgen small milling machine W 50 Ri make for maximum functionality. The large swivel angle, the practical quick-release coupling and the hydraulically operated folding conveyor simplify the work process tremendously. |

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|  | V\_1109\_012 As the tracked paver with the highest performance in its class, the SUPER 1800-3i covers an incredibly wide range of applications. With a maximum working width of 10 m and a machine length of just 6 m, the Vögele paver can handle motorway sites just as easily as tight traffic circles. |

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|  | Produktportfolio Hamm AG Hamm AG's product portfolio comprises over 240 different roller types with models for asphalt and soil compaction and with weights ranging between 1.5 and 28 t. |
|  | **MS702EVO**  The new MS 702 EVO double-deck classifying screen was designed to combine flexible applications with a high performance. |
|  | GKL HydraulicThe Benninghoven mastic asphalt mixer with hydraulic direct drive of the agitator sets the highest standards in terms of handling, operation, ergonomic design, accessibility and occupational safety. |

*Note: This photograph is only intended as a preview. For printing in publications, please use the photograph in 300 dpi resolution that is available as download from the press kit or at the Wirtgen GmbH / Wirtgen Group websites.*

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| **For further information**  **please contact:**  WIRTGEN GROUP  Corporate Communications  Michaela Adams, Mario Linnemann  Reinhard-Wirtgen-Strasse 2  53578 Windhagen  Germany  Phone: +49 (0) 2645 131 – 4510  Fax: +49 (0) 2645 131 – 499  E-mail: presse@wirtgen.com  www.wirtgen-group.com |  |