



## Press Release

### For Immediate Release

#### Contact Information

BOMAG Americas Contact: Camille Ahola

Phone: 803-337-0784

Email: [marketing.ba@bomag.com](mailto:marketing.ba@bomag.com)

### **BOMAG EQUIPMENT AND TECHNOLOGY INNOVATION ON DISPLAY AT CONEXPO-CON/AGG 2026**

**RIDGEWAY, S.C.**, February 18, 2026 – BOMAG will feature many of its newest equipment and technology innovations in March during CONEXPO-CON/AGG 2026. Attendees visiting its Central Hall, C30932 exhibit, will experience the most advanced soil compaction and asphalt maintenance, rehabilitation, paving and compaction equipment available on the market.

#### **Single drum roller technology**

Featured in the exhibit is BOMAG's Single Drum Roller simulator that will allow visitors to remotely operate a [BOMAG BW 177 DH-5 PL](#) roller located thousands of miles away from the convention center in Ridgeway, SC. The simulator's design gives operators the feel as if they were sitting inside the roller's cab. The seat, lever and controls are the same as inside the BW 177 D-5 PL and screens give the operator full visibility of the area around the machine. All roller functions are controlled while sitting inside the simulator, including forward and reverse speed, vibration and turning.

BOMAG's unique BW 177 BVO-5 PL roller on display excels in compaction work close to buildings and over pipelines. It features three compaction modes – high and low amplitudes plus oscillation – making it ideal for a range of soil compaction applications on small and medium construction sites. A video display on the BW 177 BVO-5 PL shows the power of the Blaxtair intelligent on-edge AI vision system that helps prevent collisions between the roller and workers on site by using real-time, human-shape recognition to distinguish people from surrounding obstacles. The industrial-grade AI camera detects and locates on-site personnel in any posture and delivers reliable performance in even the most demanding environments.

To assist contractors in meeting target soil compaction densities every time, regardless of operator experience, the [BW 213 DH-5](#) single drum roller on display will feature [TERRAMETER](#) technology. BOMAG's unique compaction measuring system employs sensors to determine material stiffness in

real time. As the soil becomes stiffer, drum acceleration increases, and the sensors record this acceleration as an  $E_{vib}$  value. These  $E_{vib}$  values can be correlated to target spec soil densities, allowing the simple yet sophisticated system to inform operators when desirable compaction has been met or where additional compaction is required.

### **Next generation paving**

The BOMAG exhibit includes the latest advancements in highway class pavers. The new 8-ft (2.4 m) [CR Series 2 paver](#) with the new Versa 16 front-mount screed offering paving widths from 8 to 15.5 ft (2.4 to 4.7 m) on display delivers integrated paver and screed controls with its updated human-machine interface (HMI) featuring grouped functions for both the paver and screed control panels. A large, 7-in (177.8-mm) multifunction color screen display at each console includes the latest operating system program. This provides operators with more information and allows them to make quick paver setting changes and view critical functions and gauges using either the touchscreen display or dial control.

The paver features a sloped engine hood design to provide a clear view into the hopper from the operator's seat. The split auger/conveyor, with raisable augers or fixed augers and BOMAG-exclusive optional FRAME RAISE, and optional four-sensor control gives unlimited material management capabilities. Dual swing-out operator stations boast BOMAG's SIDEVIEW innovation in which both the seat and console swivel outward at different angles to deliver unobstructed views to the paver's side and screed spreading augers.

### **Technology**

Taking autonomous operation beyond the simulator, the BOMAG display will also feature a video and information focusing on a collaboration between BOMAG and Autonomous Solutions, Inc. (ASI) to bring autonomous single drum roller operation of the BOMAG BW 213 BVC-5 PL to market. The project leverages industry leading building block compaction technologies, including BOMAG VARIOCONTROL, to make fully autonomous roller operation a reality. The VARIOCONTROL intelligent compaction system automatically adjusts the drum's direction and vibration energy from vertical vibration for maximum depth effect on initial passes to purely horizontal as stiffness increases to optimize compaction results and prevent over compaction.

Throughout the exhibit, the rollers on display will show BOMAG's industry-leading 360° compaction technology, including conventional vibration, oscillation and exclusive directed/vectoring vibration. The [BW 161 ADO-5](#) heavy tandem roller features BOMAG's [TanGO](#) tangential oscillation, which uses an optimized oscillation amplitude that allows the drum to remain in constant contact with the mat. This

technology is ideal for compacting joints, thin layers and bridges. TanGO provides a gentle compaction effect that minimizes the risk of aggregate crushing.

The displayed [BW 191 AD-5 AM](#) roller features BOMAG's exclusive [ASPHALT MANAGER](#) technology. Pioneered by BOMAG, ASPHALT MANAGER controls compaction by adjusting the direction of vibration, rather than relying on constant operator-selected amplitude changes. Easy to operate, the system requires only mix type and lift thickness to be entered by the operator. As material stiffness increases during compaction, the vibration vector is automatically adjusted from predominantly vertical toward a more horizontal orientation, optimizing energy transfer and helping to prevent over-compaction. These flexible rollers can effectively replace multiple traditional compaction setups in one machine, and the vibration direction automatically reverses with travel direction, helping eliminate the bow wave effect.

Additionally, BOMAG team members will have details on the latest updates to the [BOMAP](#) smart compaction control technology. Offering transparent and real-time compaction control, BOMAP allows operators to monitor soil and asphalt compaction results, regardless of the roller manufacturer. This allows operators to immediately see where the material has been optimally compacted or where further passes are required. Once the app is installed on a mobile device, it's immediately ready for use. In its base version, BOMAP uses the mobile device's internal GPS to detect roller positioning to simplify surface covering compaction control. Alternatively, an external GPS receiver can be connected to the mobile device to detect roller positioning and tracking more accurately

### **Pneumatic rollers**

The exhibit will also include details about the BW 18 RH pneumatic tire roller. The displayed machine will include wrapped decaling showing both the [BW 18 RH and BW 28 RH](#), giving insight into the flexibility of machine design. Built as a BW 18 RH, this 8-tire pneumatic roller has a maximum operating weight of 39,683 lb (18,000 kg) and a maximum wheel load reaching 4,960 lb (2,250 kg). Powered by the 74.2 hp (55.4 kW) Deutz TCD 2.9L4 HT engine, the BW 18 RH doesn't require diesel exhaust fluid (DEF) to meet emissions standards and offers a maximum travel speed of 9.9 mph (15.9 kmph). Offering an 80.4-in (2,042-mm) rolling width, this roller delivers excellent compaction results on chip-and-seal and finish and intermediate rolling applications.

### **Sustainability**

BOMAG will also exhibit two machines from its e-PERFORMANCE electric construction machinery line as part of the FAYAT NOW initiative for decarbonization and more sustainable construction. The compact [BP 18/45 E](#) electric vibratory plate offers the same compaction performance as its gas

counterpart. From light earthwork to asphalt construction and paving work, the BP 18/45 E single direction plate was developed as a high-performance machine with one clear objective – to be as efficient and environmentally friendly as possible. The 17.7-in-wide (450-mm-wide) plate compactor offers easy, push-button start, low hand/arm vibration feedback and no exhaust emissions. One charge of its 51-volt Li-Ion battery is sufficient for an average working day, and the LED display shows charge level.

Delivering sustainable, low-noise and zero-exhaust-emissions operation, the 2.5-ton class [BOMAG BW 120 AD E-5](#) offers a 47.2-in (1,200-mm) compaction width. Two electric motors – one dedicated to travel and the other for steering and vibration – are powered by a 48-volt system with long-lasting 25 kWh Li-Ion batteries. A 28.6-hp (19.7-kW) motor propels the front and rear driven drums at working speeds of 0-3.1 mph (0-5.0 kmph) and travel speeds reaching 6.2 mph (10 kmph). When traveling, the roller uses only one motor to conserve battery power. Like the diesel-powered BW 120 AD-5, the electric BW 120 AD E-5 flexibly allows for individual vibration control of both drums.

The BW 120 AD E-5 shows BOMAG's commitment to offering flexible power solutions in the small roller class family, which includes electric and diesel units, as well as the gasoline-powered [BW 900-50](#), made in Ridgeway, SC.

Beyond these featured machines and technologies, the BOMAG CONEXPO-CON/AGG 2026 exhibit will include models representing the full range of light compaction equipment, multi-purpose compactors, asphalt rollers, single drum rollers, pavers, milling machines and recycler/stabilizers. BOMAG invites all CONEXPO-CON/AGG attendees to visit its display in the Central Hall, booth #C30932.

**About BOMAG**

*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.*  
[www.bomag.com/us-en](http://www.bomag.com/us-en)