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Bauma 2022: even more e-Performance

Two battery-operated vibratory plates from Bomag

Boppard, 24/10/2022: One thing is clear: the use of construction machinery must become more sustainable! For people, the environment and the climate. With its pioneering e-Performance innovations, Bomag is placing battery-powered machines at the focus of its 2022 bauma presentation. Following the successful launch of the BT 60 e tamper, visitors can now look forward to the first battery-powered vibratory plates from Boppard, the BP 18/45 e and BP 10/36 e. The company will also be demonstrating just how much power the newly electrified BW 100 AD 5 e and BW 120 AD 5 e light tandem rollers can apply to asphalt. Emission-free and low-noise: with even more e-Performance, Bomag offers construction companies a future-proof and highly efficient alternative – not only for inner-city construction sites and noise-sensitive locations but wherever strict emission limits apply. The machines will be available from spring/summer 2023.

The BP 18/45 e and BP 10/36 e electric vibratory plates are every bit as powerful as the combustion engine versions when it comes to coping with fill heights of up to 25 cm on gravel or sand or 20 cm on mixed soil. Thanks to their compact dimensions and low weight, the machines are particularly easy to manoeuvre and achieve a working speed of 25 m/min. The straight-edged base plate enables extremely precise compaction along kerbs or walls. It is made of high-quality wear-resistant material. This makes the most stressed component of the vibratory plates extremely hard-wearing and durable.

The future of compaction is emission-free

From light earthworks to asphalt construction or paving work, the BP 18/45 e and BP 10/36 e were developed as high-performance machines with one clear objective: to be as efficient



and environmentally friendly as possible! In terms of compaction performance, the electric vibratory plates are no different from conventional plates. By definition, they produce no direct CO₂ emissions and no harmful exhaust fumes, so they can be used safely wherever strict pollution limits have to be met, such as for work in tunnels, inside buildings or in trenches. Bomag's powerful CO₂ vibratory plates are also a good choice for inner-city repair and correction work.

The plates can be operated with the proven eP 20 (20 Ah) and eP 28 (28 Ah) power packs – already used in the BT 60 e electric tamper. Swapping power packs is both quick and easy with the release lever. One battery charge is sufficient for an average working day; an LED display shows the current charge level.

Low operating and energy costs

Electric drives are renowned for being virtually maintenance-free; neither engine oil nor fuel filter need to be changed. Those wishing to do even more for the environment can charge their Bomag batteries with green electricity.

Safe and more productive thanks to minimised hand-arm vibrations

Work ergonomics are always a top priority at Bomag: the folding guide bar is mounted on large rubber silent blocks. This reduces harmful hand-arm vibrations to a minimum enabling safe and fatigue-free guidance of Bomag's innovative vibratory plates with uncompromising e-Performance.

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Press photos:

01_BPe_Plates_BOMAG.jpg

Caption: BP 18/45 e and BP 10/36 e: The new electric vibratory plates from Bomag can handle fill heights of up to 25 cm on gravel or sand or 20 cm on mixed soil – without compromising on compaction power compared to the combustion engine. (Photo: BOMAG)



02_BPe_Plates_BOMAG.jpg

Caption: Swapping power packs is quick and easy with the handy release lever. The Bomag power packs with a capacity of 20 Ah or 28 Ah reliably deliver power for a whole working day. (Photo: BOMAG)

03_BPe_Plates_BOMAG.jpg

Caption: BP 18/45 e and BP 10/36 e: Full e-performance at the push of a button for high-flyers in sustainable compaction technology. (Photo: BOMAG)

About BOMAG

Bomag is a global construction machinery manufacturer and technology partner for the road building and earthmoving industries, headquartered in Boppard, Germany. In addition to its focus on earth and asphalt rollers, planers, pavers and walk-behind compaction technology, the company offers a complete portfolio of stabilizers or recyclers and machines for refuse compaction. The company's machines and digitisation solutions facilitate the efficient and responsible expansion of road and transport infrastructures.

Bomag has been writing history in compaction technology with innovative solutions for over 60 years and leads the industry with innovative digital services for the networked construction site. These include intelligent compaction control systems like the Asphalt Manager, which the company introduced as far back as 2001, Ion Dust Shield technology for reducing fine dust pollution during cold milling and, currently, cloud services for intelligent real-time documentation on the construction site. Bomag machines are highly regarded in many areas of the construction industry, landscaping, agriculture, municipalities and the waste disposal and recycling industry.

Founded in 1957 as "Bopparder Maschinenbau-Gesellschaft mbH", the company today has six branches in Germany and is globally active with 12 independent subsidiaries. With its 2,200 employees worldwide and a sales and service network of over 500 dealers in 120 countries, the company offers its customers competent and responsive service on site. Bomag builds its machines in its own production facilities in Europe, China and the USA. Bomag is part of the French Fayat Group.

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