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bauma 2022: Bomag's on a roll with e-Performance

Boppard, 24/10/2022: Bomag will be presenting two light electric tandem rollers at bauma 2022. The BW 100 AD e-5 and BW 120 AD e-5 models are part of the focus on e-Performance innovation at the Bomag booth – for sustainable and efficient road construction with powerful electric alternatives. The machines will be available from spring/summer 2023. The company will also be showing a battery-powered vibratory plate for the first time in this still-young product segment, as well as the already successfully launched BT 60e electric tamper.

The new BW 100 AD e-5 and BW 120 AD e-5 electric tandem rollers from Bomag have two highly efficient electric motors on board: one for the travel system and steering, the other for vibration. In travel-only mode, the machines run with only one electric motor, which saves energy. The ECO function and the braking energy recovery system guarantee economical operation – with maximum power and dynamics.

Charge as it suits you!

Built-in, long-lasting rechargeable batteries that can be charged with a voltage of 230 V or 400 V provide all the electrical power needed for a typical working day. No special facilities are required as charging infrastructure: the machines can be charged directly at an external DC charging point or, thanks to the AC onboard charger, using a CEE socket, wallbox or a domestic connection in a short time. Bomag offers the required charger cable adapters as optional accessories. A state-of-the-art 48-volt onboard power supply provides the drive train with a reliable energy source. As this is a low-voltage system, no special safety requirements have to be observed. This has the advantage that service and maintenance do not have to be carried out by electricians.

Emission-free work is more than just a trend



When it comes to earthworks or asphalt construction, the awarding of contracts is increasingly bound to strict emission limits. Light electric tandem rollers from Bomag, which can easily hold their own against their conventional counterparts, are the equipment of choice here.

Fine dust pollution from exhaust gases and the direct CO₂ emissions are zero. At the same time, the electric drive technology offers impressively low noise levels by comparison. This protects people and the environment and, above all, is often the deciding factor when it comes to awarding contracts.

Electric drives taking construction sites by storm

Bomag recommends its e-Performance tandem rollers for use on inner-city construction sites and especially in sensitive areas close to childcare facilities and hospitals. In general, the tandem rollers are suitable for paving roads and all repair and finishing work in road construction. With the electric all-round alternative from Bomag, landscaping companies are equipped for a wide range of tasks while scoring points with customers for using green technology.

Simple and convenient

The tandem roller is operated as usual via a rotary pushbutton switch. The operator can control the machine confidently using the soft-responsive travel lever and compact steering wheel. The operator's platform is designed to ensure the driver can easily see the work area and drum edges at all times. This enables relaxed and precise work.

A digital driver information system shows all important machine parameters on a 5-inch display, such as speed, current energy requirement, asphalt temperature, compaction progress, operating hours, and battery charging capacity, duration and power. The e-Performance tandem roller can also be easily integrated with Bomag Telematic for tracking, efficient fleet management and logging of operating data.

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Press photos:



01_BW100 AD e_BW120 AD e_BOMAG.jpg

02_BW100 AD e_BW120 AD e_BOMAG.jpg

03_BW100 AD e_BW120 AD e_BOMAG.jpg

04_BW100 AD e_BW120 AD e_BOMAG.jpg

Caption: BW 100 AD e-5 and BW 120 AD e-5: The new light tandem rollers with e-Performance combine efficiency and sustainability. (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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