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Ease of operation at a new level

Bomag myCockpit gives roller professionals a choice of three operating concepts.

Boppard, 21.06.2022: Bomag launches its new BW 154 and BW 174 pivot-steered tandem rollers: with the myCockpit, the new generation offers a choice of three intuitive operating concepts. Whether touch, innovative rotary pushbutton switch or classic joystick, the roller operators decide how much digital comfort they want on the job. A high-resolution 10-inch touchscreen with intuitive menu navigation and clear visualisation gives the driver full control over all functions. Touch operation is Bomag's smart answer to the ongoing digitisation in road and pavement construction. However, the rollers can still be operated just as confidently as before by pressing and turning. The new additional rotary pushbutton on the control lever allows safe navigation and selection of functions on the display. The operator's cab stands out for its highly flexible seating comfort and excellent visibility - for greater safety on the job site and relaxed construction progress.

Ahead of its time

"Feels the same as always, only better" is the motto for the myCockpit operating concept, which is ahead of its time. The roller operator can configure default settings and operate and control all functions via the individually configurable touchscreen. Every driver can create their own individual user profile and quickly switch to their default settings at any time. Thanks to self-explanatory visualisations and simple menu navigation, the driver grasps everything quickly and safely, and can fully concentrate on the job at hand and navigate in the roller network. Especially practical: the pre-set profile for the truck driver simplifies machine loading. At the same time, conventional control via switches in the armrest is still



possible. So employees familiar with this don't have to retrain for the new tandem rollers and can simultaneously familiarise themselves with the handling of the extended digital operating options.

Focus on the operator's needs

As the unlock button is integrated into the steering wheel, drivers no longer even have to remove their hands from the steering wheel to change the seat position. The operator's platform, including the functions in the armrests, can be turned a maximum of 180° to the right and 75° to the left. An air-sprung high-comfort seat with electronic weight adjustment, active seat ventilation and heating is also available as an optional extra. It enables fatigue-free sitting, even on long working days.

User ergonomics and a clear overview are paramount

Optimum visibility is essential for greater safety on the construction site: enlarged glass surfaces that extend far downwards ensure this. Even with the window closed, the roller operator can see the edge of the drum from a sideways sitting position. An intelligent ventilation system ensures an optimal working climate in the cabin and provides for non-fogged windows and a clear view. In equipping the cabin, Bomag has already considered numerous useful details for everyday work in the standard version, from spacious easy-to-reach storage areas and a drink holder to a secure place for a lunch box and a USB port for charging mobile devices.

The drivers can also keep an eye on the drum surface. They see immediately if the spraying system is working correctly or requires intervention because the nozzles are optimally positioned in their field of vision. This is also a good example of how operator ergonomics, thought out down to the last detail, can contribute to high-quality compaction results.

Efficient and economical: Asphalt Manager update

The new generation of pivot-steered BW 154 and BW 174 tandem rollers from Bomag is available in several variants and with a wide range of equipment: with a working width of 1,500 or 1,680 mm and an operating weight of 7.1 to 9.8 t. Three technologies are available as compaction systems: Asphalt Manager 2, Vibration or TanGO4 (split drum oscillation). The operation of the Asphalt Manager has once again been simplified. It automatically regulates the amplitude or its effective direction depending on the selected asphalt layer and thus achieves optimum compaction quality with minimal passes. The new update with



intuitive setting options allows the Asphalt Manager's potential to be used optimally, enabling the operator to concentrate fully on the rolling pattern and the colleagues working in tandem. The Asphalt Manager is also ideally suited for paving low-temperature asphalt.

In addition, Bomag Ecomode ensures maximum efficiency during compaction as standard. Those interested in particularly eco-friendly and sustainable technologies can optionally equip the rollers with Ecostop or hybrid technology.

Useful convenience options

Bomag offers numerous optional extras for the new generation of pivot-steered tandem rollers, making asphalt compaction even more efficient and safe. Particularly noteworthy are: a second monitor at the rear of the cabin to keep an eye on all compaction parameters even when reversing; four additional mirrors on the cabin and rear frame, and up to 16 working lights with modern LED technology for daylight illumination of the working area on night construction sites, including a follow-me-home function known from cars.

Additional options include: chip spreader, air-sprung comfort seat with seat heating, internally adjustable front mirrors with heating, edge cutter and - last but not least - a measuring technology interface for data transmission to the BOMAP app, which is indispensable for digitisation.

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Press photos:

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Caption:

BW 154 and BW 174 pivot-steered tandem rollers: Bomag's new model family sets new standards in terms of performance, overview and ease of operation. (Photo: Bomag)

05_BOMAG AP

Caption:

The myCockpit of the new BW 154 / BW 174 Bomag tandem rollers offers maximum



flexibility and operator ergonomics. The functions frequently used in everyday work are positioned within easy reach of the operator. (Photo: Bomag)

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Caption:

The high-resolution 10-inch touchscreen shows all relevant information: including the compaction progress display and machine information such as speed and fuel gauge. The visual display can be individually adjusted (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.

Contact:

BOMAG GmbH
Hellerwald
D-56154 Boppard
Judith Rheingans
Head of PR & Content Management
Tel: +49 6742 / 100-8719
E-Mail: judith.rheingans@bomag.com
Reprint free of charge, copy requested.

