

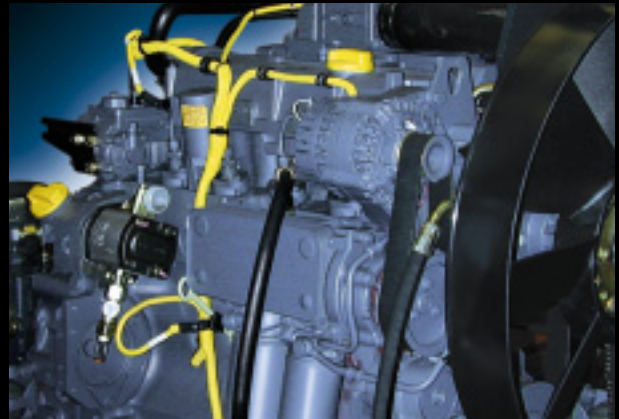
# Series 4

The exciting new range of heavy articulated tandem rollers.



**BOMAG**

The ultimate compacting machines.



# Series 4



**The new benchmark for styling, power and safety.**

From the very first BOMAG roller to the latest series one thing has not changed: BOMAG innovation, performance, efficiency and safety still sets the global standards for others to follow.

The result is a range of compaction equipment designed for users who seek more than just average performance. Again BOMAG pushes the boundaries forward with its new Series 4 tandems. BOMAG. Best for Compaction. See for yourself ...

**BOMAG**

# An attack on the senses.



The first glance reveals all. The stunning new design exudes power. Modern rollers need to be user friendly but with Series 4 the design concept goes a stage further. For example, the distinctive angled support legs add to the looks but crucially provide optimum vision to the drum edges.

The cab sets new standards in comfort and safety. Everything is under control. Each pass is made precisely and safely: compaction exactly where it's needed.



BW 161 AD-4 / BW 202 AD-4





The dependable and economical sprinkler system incorporates 12 interval settings. And with a 1000 litre supply on board there's enough for just one fill on a long shift.

The safe luxury cab incorporates a ROPS system of course. The centre of gravity is extremely low to reduce any risk of overturning. Drum offset both sides to 170 mm is standard and a control light shows when this feature is in use. Essential when rolling along side kerbs or mat joints. Rolling marks are avoided and workmanship is easily improved.

## Series 4

**A unique design for easy handling.**



You see it all ...



# ... we've made everything easy to control.

You'll see what is important. The design concept provides visibility and unrivalled site safety. From the cab the operator has a complete view of the drum edges and sprinkler system. Material pick-up on the drums is spotted earlier and the driver can react faster. There are two water pumps – one in service plus one back-up unit.

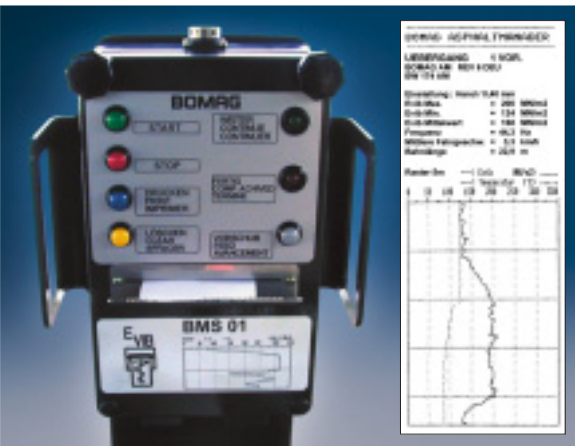
All maintenance and service points can be easily accessed from the ground. Long change intervals, e.g. for hydraulic oil and filter, economical but powerful Deutz diesel engines combined with highly efficient hydrostatic drives for travel and vibration, keep the running costs at a low level.



**Nozzle change  
made easy.**



The good feeling to know –  
it's a BOMAG.



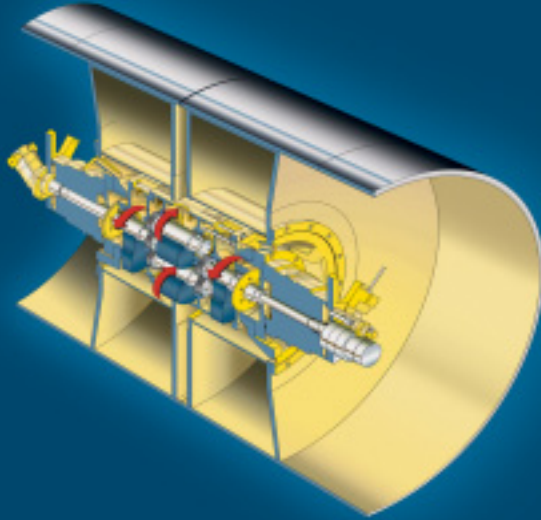
Display and documentation of compaction results  
with the BOMAG ASPHALT-MANAGER.

It is the sum of all these benefits that makes our machines the most popular in the market.

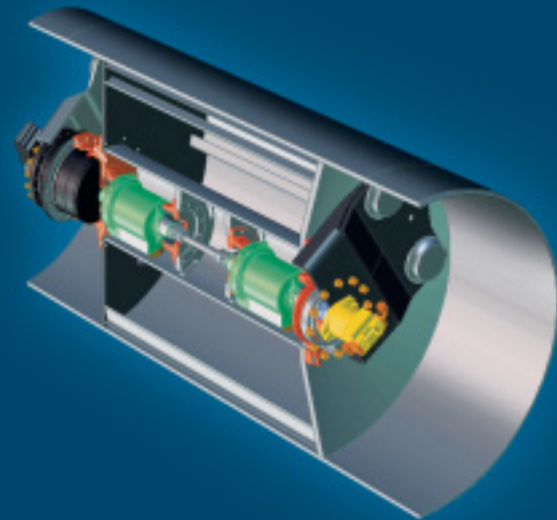
Innovative technology for efficient compaction results applies also for the BOMAG ASPHALT-MANAGER. What is more, this system is available for the new generation of rollers on request. The driver is provided with all important information, such as, currently effective amplitude and asphalt surface temperature. He is thereby able to limit the number of passes to the amount which is absolutely necessary. The ASPHALT-MANAGER provides the possibility of a surface covering indication of the compaction increase. For this purpose the user is provided with a physical reference value " $E_{VIB}$ " in  $MN/m^2$ .

Measurements have revealed:  $E_{VIB}$ -value and Marshall density (%) are directly related. This enables a calibration to certain types of mixtures. A digital display informs the roller driver about the increase in compaction. Moreover, the compaction results can optionally be documented via the BOMAG printing technology. The version with ASPHALT-MANAGER is up to 400 kg heavier; the powerful exciter system transfers centrifugal forces of up to 200 kN at an amplitude of 0.9 mm and more.

The articulated BOMAG rollers of series 4 work with powerful exciter systems.



**ASPHALT-MANAGER with patented directed vibrator system “VARIOMATIC 2”:** Directed compaction forces are particularly efficient. They reach very deep, if this is required, and compact very sensitively at the surface, depending on the progress of compaction work. This is enabled by the automatic compaction control. Additional benefit: Better grip of the asphalt surface and less problems on material sensitive to scuffing. The direction of compaction force is automatically adapted to the travel direction of the roller. With the ASPHALT-MANAGER any roller driver will achieve better results.



**Circular exciter with combination of 2 high frequencies and amplitudes:** Here a 2-stage exciter system is at work, which enables efficient completion of all compaction work asphalt construction and for road subbases. The wide drums with 2 high frequencies and amplitudes enable high area output on thin layers – but also economical processing of thick layers. High frequencies generally allow work with higher speeds – without a negative effect on the quality of asphalt surfaces. This is supported by the very fast run-up times when switching on the exciter.



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