

The company:

BOMAG is the global leader in the field of compaction technology. The company, which has its HQ in Boppard and has belonged to the FAYAT group since 2005, produces machines for soil, asphalt and refuse compaction as well as stabilizers / recyclers, milling machines and pavers.

The company has six branches in Germany and 11 independent subsidiaries. Over 400 dealers in more than 150 countries guarantee the global distribution of BOMAG machines and their maintenance.

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ASPHALT MANAGER



Areas of application:
Infinitely adjustable and automatically controlled: These are the properties of the intelligent ASPHALT MANAGER compaction system. The driver only has to select the layer to be compacted (AP/ACP machines) or the layer thickness (AD machines) – the roller does the rest. The amplitude continuously adapts to the compaction already achieved. This prevents over-compaction and drum bounce. The infinitely variable amplitude allows ASPHALT MANAGER to work both more powerfully and gently than conventional systems. This ensures optimal performance with maximum flexibility. Thanks to the integrated measurement of the E_{Vib} compaction parameter, the driver is informed about the compaction progress in real time. The result: The optimum number of passes at all times, ensuring maximum efficiency and quality.



Type	Operating weight* (CECE) kg	Working width mm	Engine manufacturer
BW 151 AD-5 AM	7900	1680	Kubota
BW 161 AD-5 AM	10200	1680	Deutz
BW 191 AD-5 AM	13900	2000	Deutz
BW 206 AD-5 AM	14500	2135	Deutz
BW 161 AD-50 AM	10200	1680	Deutz
BW 154 AP-5 AM	7950	1500	Kubota
BW 174 AP-5 AM	9700	1680	Deutz
BW 174 AP-5 AM Hybrid	9700	1680	Kubota
BW 154 ACP-5 AM	7650	1500	Kubota
BW 174 ACP-5 AM	9300	1680	Deutz
BW 174 ACP-5 AM Hybrid	9300	1680	Kubota

*With cab

BOMAG TanGO oscillation



Areas of application:
TanGO – “tangential oscillation” from BOMAG. The gentle compaction is ideal for work on seams, thin layers and bridges. The drum never loses contact with the surface. This allows the working speed to be increased without the risk of waves. Gentle TanGo compaction avoids grain destruction due to drum bounce – and it is safe to work close to build-ings. TanGO is not only extremely easy to operate, but also requires very little maintenance. BOMAG gives a 6,000-hour warranty on the drum body.



Type	Operating weight* (CECE) kg	Working width mm	Engine manufacturer
BW 161 AD0-5	9900	1680	Deutz
BW 190 AD0-5	11800	1990	Deutz
BW 191 AD0-5	13300	2000	Deutz
BW 202 AD0-5	11950	2135	Deutz
BW 206 AD0-5	13700	2135	Deutz
BW 161 AD0-50	9800	1680	Deutz
BW 202 AD0-50	11850	2135	Deutz
BW 154 AP0-5	7950	1500	Kubota
BW 174 AP0-5	9700	1680	Deutz

*With cab

Pneumatic tyred rollers



Areas of application:
Compaction of asphalt base, binder and bearing courses, as well as compaction of natural soils and material stabilised with lime or cement. Pneumatic tyred rollers achieve a good surface sealing effect due to their compacting and kneading action.



Type	Operating weight* (CECE) kg	Working width mm	Engine manufacturer
BW 11 RH-5	5400–11000	1727	Kubota
BW 24 RH	8800–24300	2042	Deutz
BW 27 RH	8800–27000	2042	Deutz
BW 28 RH	8600–28000	2042	Deutz

*With ROPS cab

Pavers / feeders



Areas of application:
BOMAG pavers offer you a wide range (6-23 t) to choose from to find the best paver for your needs. From flexible footpath pavers to high-performance pavers, we offer you a wide range of machines and equipment versions. Through flexible ballasting, the operating weight of the pneumatic tyred roller can be adapted to the respective requirements, resulting in optimum compaction.



Type	Operating weight (CECE) kg	Working width mm	Engine manufacturer
BF 200 C-2	6000	1100–3400	Kubota
BF 300 P	9000	1700–4400	Kubota
BF 300 C	9000	1700–5000	Kubota
BF 300 P-2	10000	1700–4400	Kubota
BF 300 C-2	10000	1700–5000	Kubota
BF 350 P-5	10000	1700–4400	Deutz
BF 350 C-5	10000	1700–5000	Deutz
BF 600 C-3	21000	2500–8000	Deutz
BF 600 P-3	19300	2500–7500	Deutz
BF 700 C-3	21300	2500–9000	Deutz
BF 800 P	20800	2500–9000	Deutz
BF 800 C	22000	2500–10000	Deutz
BF 800 C-3	23000	2500–10000	Deutz
BMF 2500 S	20000	2500	Cummins
BMF 2500 M	21000	2500	Cummins
BMF 2500 S Offset	24500	2500	Cummins
BMF 2500 S Flexmix	20000	2500	Cummins

Planers



Areas of application:
BOMAG cold planers are designed for the selective milling of road and ground surfaces made of the most diverse asphalt and concrete compounds. The different models are particularly suitable for repairing or completely removing motorways and main roads or for rural roads and inner-city work, including roundabouts. With different working widths and a maximum milling depth of 350 mm, large areas can be completely removed quickly in one operation.



Type	Operating weight (CECE) kg	Working width mm	Engine manufacturer
BM 500/15-2	7600	500	Deutz
BM 600/15-2	7700	600	Deutz
BM 1000/20	11800	1000	Cummins
BM 1000/30	19700	1000	CAT
BM 1200/30	20000	1200	CAT
BM 1300/30	20150	1300	CAT
BM 1000/35-2	20400	1000	Mercedes/MTU
BM 1200/35-2	21400	1200	Mercedes/MTU
BM 1300/35-2	21900	1300	Mercedes/MTU
BM 1500/65	27000	1500	Cummins
BM 2000/65	27000	2000	Cummins
BM 2200/65	27350	2200	Cummins
BM 2000/58	27000	2000	Cummins
BM 2000/68	27000	2000	Cummins

NOTES



PRODUCT OVERVIEW

ASPHALT.



Tandem rollers <5 t – articulated –



Areas of application:
new construction and repair work for medium to small construction projects. The series of tandem rollers <5 t offers top visibility and the highest driving comfort. The rollers are also available with side clearance drums for compaction work on side boundaries, e.g. house walls (BW90 SC/100 SC).



Type	Operating weight* (CECE) kg	Working width mm	Engine manufacturer
BW 900-50	1200	900	Honda
BW 80 AD-5	1550	800	Kubota
BW 90 SL-5	1350	900	Kubota
BW 90 AD-5	1600	900	Kubota
BW 90 SC-5	1650	960	Kubota
BW 100 SC-5	1700	1060	Kubota
BW 100 ADM-5	1700	1000	Kubota
BW 100 SLM	1450	1000	Kubota
BW 100 SL-5	2350	1000	Kubota
BW 120 SL-5	2500	1200	Kubota
BW 100 AD-5	2500	1200	Kubota
BW 100 AD e-5	2500	1000	Electric motor
BW 120 AD-5	2700	1200	Kubota
BW 120 AD e-5	2700	1200	Electric motor
BW 135 AD-5	4000	1300	Kubota
BW 138 AD-5	4450	1380	Kubota

*With ROPS

Combination rollers <5 t – articulated –



Areas of application:
The combination rollers' rubber tyres improve surface closure during asphalt compaction. The adaptability of the rubber tyres improves the results on passes. For compaction work on lateral boundaries (e.g. house walls), the rollers are also available with side-free drums (BW 90 SCC/ BW 100 SCC-5).



Type	Operating weight* (CECE) kg	Working width mm	Engine manufacturer
BW 90 AC-5	1600	900	Kubota
BW 90 SCC-5	1600	900	Kubota
BW 100 SCC-5	1700	1000	Kubota
BW 100 ACM-5	1700	1000	Kubota
BW 100 AC-5	2300	1000	Kubota
BW 120 AC-5	2450	1200	Kubota
BW 120 SLC-5	2250	1200	Kubota
BW 138 AC-5	4150	1380	Kubota

*With ROPS

Series 5 tandem rollers >5 t – articulated –



Areas of application:
All typical asphalt layers in road construction and farm track construction as well as applications on car parks and access roads, for antifreeze agents and light earthworks. The 5* series¹⁾ is particularly clearly laid out and easy to operate. It features a generously dimensioned driver's platform with the option of a comfortable, spacious cab or ROPS. The optional ECONOMIZER assists with optimal compaction. Unnecessary passes can be avoided.



^{*)} Series 5 machines meet the EU Stage V and EPA Tier 4f emission standards.

Type	Operating weight* (CECE) kg	Working width mm	Engine manufacturer
BW 141 AD-5	6900	1500	Kubota
BW 151 AD-5	7600	1680	Kubota
BW 151 AD-5 H	8420	1680	Kubota
BW 151 AD-5 SH	9020	1680	Kubota
BW 154 AD-5**	8300	1680	Kubota
BW 154 AD-5 SH**	9120	1680	Kubota
BW 161 AD-5	10000	1680	Deutz
BW 190 AD-5	12050	1990	Deutz
BW 191 AD-5	13500	2000	Deutz
BW 202 AD-5	12300	2135	Deutz
BW 206 AD-5	14100	2135	Deutz

*With cab **Split drums

Series 50 tandem rollers >5 t – articulated –



Areas of application:
All typical asphalt layers in road construction and farm track construction as well as applications on car parks and access roads, for antifreeze agents and light earthworks. The 50* series¹⁾ is particularly clearly laid out and easy to operate. It features a generously dimensioned operator's platform, with the option of a comfortable, spacious cab, ROPS or a sunroof. The optional ECONOMIZER assists with optimal compaction. Unnecessary passes can be avoided.



^{*)} not CE compliant

Type	Operating weight* (CECE) kg	Working width mm	Engine manufacturer
BW 141 AD-50	6900	1500	Kubota
BW 151 AD-50	7600	1680	Kubota
BW 151 AD-50 H	8420	1680	Kubota
BW 151 AD-50 SH	9020	1680	Kubota
BW 161 AD-50	10000	1680	Deutz
BW 202 AD-50	12300	2135	Deutz
BW 206 AD-50	14100	2135	Deutz

*With cab

Series 5 tandem rollers >5 t – pivot-steered –



Areas of application:
Compaction of asphalt layers, base courses and anti-frost layers on new-build projects and maintenance jobs, for medium and large-scale construction projects, e.g. inner-city development, roads, airports, and car parks. Particularly suitable for thin-layer surfacing, stone mastic and thick asphalt base layers. The split drums fitted as standard and the 5 steering modes make the machines particularly flexible and universally applicable.



Type	Operating weight* (CECE) kg	Working width mm	Engine manufacturer
BW 154 AP-5	7700	1500	Kubota
BW 174 AP-5	9400	1680	Deutz

*With cab

Combination rollers >5 t – articulated/pivot-steered –



Areas of application:
With their compacting and kneading action, the combination rollers with one set of wheels at the rear ensure optimum surface finishing. This model version achieves uniform compaction, particularly on shear-sensitive mixes. The optional aprons ensure the asphalt temperature is maintained for a longer period of time.



Type	Operating weight* (CECE) kg	Working width mm	Engine manufacturer
BW 151 AC-5	7500	1680	Kubota
BW 161 AC-5	9700	1680	Deutz
BW 151 AC-50	7500	1680	Kubota
BW 161 AC-50	9700	1680	Deutz
BW 154 ACP-5	7400	1500	Kubota
BW 174 ACP-5	9000	1680	Deutz

*With cab

ECONOMIZER

Areas of application:
The unique BOMAG ECONOMIZER tool shows the operator when optimum compaction has been achieved. It makes soil compaction transparent and efficient. The soil stiffness is measured during compaction and displayed on the screen. The driver continues compacting until the display value no longer increases. BOMAG ECONOMIZER saves time and fuel, detects weak points and thus reduces the risk of remedial work. What's more, the ECONOMIZER is easy to understand: no separate activation or calibration is required. In addition, BOMAG Joblink and BOMAG ECONOMIZER ensure seamless integration: the Joblink interface enables the capture of all process-related measured values and makes them available in BOMAP via the Joblink Bluetooth adapter. All the measuring data appears in the app automatically—without the need for additional equipment.



BOMAP Connect

Areas of application:
With BOMAP, the entire earth and asphalt construction fleet works as a team. The system makes it possible to network all compaction machines on a construction site in real time in a particularly intuitive and efficient way. BOMAP shows your site managers and every driver on the job the current compaction status of the entire site and the current positions of the other drivers. This gives all those involved a constant overview of all relevant compaction parameters. These are the ideal conditions for perfect teamwork. We deliberately kept this fleet networking capability in BOMAP compatible. As a result, you can network compaction equipment from any manufacturer, not just BOMAG machines. Even mixed fleets can be controlled jointly without any problems. From initial planning to the fully compacted road – you always have a clear view of all construction sites with BOMAP Connect.



- With BOMAP, data from all machines is stored in the cloud
- Accessible from everywhere
- Detailed analysis options

BOMAP

Areas of application:
BOMAP – your smart helper on construction sites. With BOMAP, you document the results of your soil and asphalt compaction work on the construction site in real time. The app is available for Android tablets and smartphones. Intuitively operable, it documents the passes on all makes of rollers. The optional BOMAP antenna enables even more precise GPS positioning. The universal tablet holder can be mounted quickly and flexibly. All results can be exported as a PDF file. This gives you a clear overview of the compaction performance achieved. Transparency that pays off.



Areas of application:
Road construction made easy. ASPHALT PRO supports paving planning and optimises the paving process. The ASPHALT PRO software solution enables site managers to significantly simplify the planning of an upcoming road construction project, monitor the ongoing paving process in real time and, if necessary, quickly take corrective action.



- What ASPHALT PRO can do:
- Calculate the mix requirements
 - Communicate with the mixing plant
 - Show the way to the job site
 - Calculate the truck scheduling
 - Pass on process changes directly
 - Reduce the coordination effort
 - Document the data for Surface Covering Dynamic Compaction Control



Together, ASPHALT PRO, BOMAP and JOBLINK make a perfect team for a seamlessly digital construction site while guaranteeing maximum efficiency.