

Single Drum Roller

Single Drum Roller

– Serie 5 –

Single Drum Roller

– Serie 5 –

Single Drum Roller

– Serie 5 –

Single Drum Rollers with Vibratory Plates

– Serie 5 –

Single Drum Rollers with Special Drums

– Serie 5 –

BOMAG VARIOCONTROL (BVC)

– for Single Drum Rollers Serie 5 –

Single Drum Rollers

– Serie 40* –



Applications:

3 – 4 t

For light and medium compaction work. The D-series models are suited to compacting non-cohesive soils (sand, gravel, rubble), weakly cohesive soils and hydraulically bound materials. The PD-models are primarily used on strongly cohesive soils with a high water content. H-series models distinguish themselves through high gradeability and drives with more powerful torque capacities. They are designed especially for working in trenches.



Applications:

4-8 t

For medium scale compaction tasks. D-version for compacting non-cohesive soils as well as hydraulically bonded materials. The D-series models are suited to compacting non-cohesive soils (sand, gravel, rubble), weakly cohesive soils and hydraulically bound materials. The PD-models are primarily used on strongly cohesive soils with a high water content.



Applications:

10 – 15 t

For medium to heavy duty earthworks and sub-base work. D models for water bound materials, sand, gravel and sub-bases. PD models for cohesive and high water content materials. High Climb models for gradients, e.g. landfill construction. H-series models distinguish themselves through high gradeability and drives with more powerful torque capacities. They are designed especially for landfill and backfilling work.



Applications:

16 – 26 t

Medium to heavy duty earthworks and sub-base work. D models for water bound materials, sand, gravel and sub-bases. PD models for cohesive and high water content materials. High Climb models for gradients, e.g. landfill, embankment and dam construction.



Applications:

For compaction of soil materials like sand and gravel which tend to loosen on the surface. Also suitable for surface compaction of gravel and rubble bearing layers.



Applications:

Polygon drum

For in-depth compaction of mixed particle and cohesive soils, distributed in thick layers.

Rock crushing drum

For crushing and compacting soft to medium-hard consolidated rocks.



Applications:

BOMAG single drum rollers with VARIOCONTROL are suitable for the compaction of a wide range of soils used in earthworks construction. VARIOCONTROL provides a higher and continuously optimised compaction performance compared to conventional rollers. The instant, continuous optimisation of amplitude and compaction energy reduces loosening in upper layers on uniform and granular material types.



Applications:

10 – 18 t

For medium to heavy duty earthworks and sub-base work. D models for water bound materials, sand, gravel and sub-bases. PD models for cohesive and high water content materials. High Climb models for gradients, e.g. landfill construction. H-series models distinguish themselves through high gradeability and drives with more powerful torque capacities. They are designed especially for landfill and backfilling work.



| Type | Operating Weight (CECE) kg | Working Width mm | Engine |
|------------|----------------------------|------------------|--------|
| BW 124 DH | 3300 | 1200 | Kubota |
| BW 124 PDH | 3390 | 1200 | Kubota |

*with ROPS

| Type | Operating Weight* (CECE) kg | Working Width mm | Engine |
|--------------|-----------------------------|------------------|--------|
| BW 145 D-5 | 4750 | 1430 | Kubota |
| BW 145 DH-5 | 4820 | 1430 | Kubota |
| BW 145 PDH-5 | 5070 | 1430 | Kubota |
| BW 177 D-5 | 6600 | 1690 | Kubota |
| BW 177 DH-5 | 6700 | 1690 | Kubota |
| BW 177 PDH-5 | 6950 | 1690 | Kubota |

*with ROPS

| Type | Operating Weight* (CECE) kg | Working Width mm | Engine |
|--------------|-----------------------------|------------------|--------|
| BW 211 D-5 | 10600 | 2130 | Deutz |
| BW 211 PD-5 | 12100 | 2130 | Deutz |
| BW 211 DH-5 | 10890 | 2130 | Deutz |
| BW 211 PDH-5 | 12560 | 2130 | Deutz |
| BW 212 D-5 | 11450 | 2130 | Deutz |
| BW 212 DH-5 | 11730 | 2130 | Deutz |
| BW 212 PD-5 | 12940 | 2130 | Deutz |
| BW 213 D-5 | 12600 | 2130 | Deutz |
| BW 213 DH-5 | 12720 | 2130 | Deutz |
| BW 213 PDH-5 | 13830 | 2130 | Deutz |
| BW 214 D-4 | 14000 | 2130 | Deutz |

*with ROPS cab

| Type | Operating Weight* (CECE) kg | Working Width mm | Engine |
|--------------|-----------------------------|------------------|--------|
| BW 216 D-5 | 16000 | 2130 | Deutz |
| BW 216 PD-5 | 17100 | 2130 | Deutz |
| BW 216 DH-5 | 16000 | 2130 | Deutz |
| BW 216 PDH-5 | 17100 | 2130 | Deutz |
| BW 219 D-5 | 19400 | 2130 | Deutz |
| BW 219 PD-5 | 20000 | 2130 | Deutz |
| BW 219 DH-5 | 19400 | 2130 | Deutz |
| BW 219 PDH-5 | 20000 | 2130 | Deutz |
| BW 226 DH-5 | 25000 | 2130 | Deutz |
| BW 226 PDH-5 | 25740 | 2130 | Deutz |

*with ROPS cab

| Type | Operating Weight* (CECE) kg | Working Width mm | Engine |
|------------------|-----------------------------|------------------|--------|
| BW 213 DH + P-5 | 15110 | 2130 | Deutz |
| BW 213 BVC + P-5 | 15910 | 2130 | Deutz |

*with ROPS cab

| Type | Operating Weight* (CECE) kg | Working Width mm | Engine |
|-------------|-----------------------------|------------------|--------|
| BW 226 DI-5 | 25250 | 2130 | Deutz |
| BW 226 RC-5 | 26300 | 2130 | Deutz |

*with ROPS cab

| Type | Operating Weight* (CECE) kg | Working Width mm | Engine |
|--------------|-----------------------------|------------------|--------|
| BW 177 BVC-5 | 7000 | 1690 | Kubota |
| BW 213 BVC-5 | 13820 | 2130 | Deutz |
| BW 219 BVC-5 | 20300 | 2130 | Deutz |
| BW 226 BVC-5 | 25880 | 2130 | Deutz |

*with ROPS cab

| Type | Operating Weight* (CECE) kg | Working Width mm | Engine |
|--------------|-----------------------------|------------------|--------|
| BW 211 D-40 | 9500 | 2130 | Deutz |
| BW 211 PD-40 | 11350 | 2130 | Deutz |
| BW 212 D-40 | 10900 | 2130 | Deutz |
| BW 212 PD-40 | 12750 | 2130 | Deutz |
| BW 213 D-40 | 12450 | 2130 | Deutz |
| BW 213 PD-40 | 12870 | 2130 | Deutz |
| BW 215 D-40 | 14500 | 2130 | Deutz |
| BW 216 D-40 | 15200 | 2130 | Deutz |
| BW 216 PD-40 | 15700 | 2130 | Deutz |
| BW 218 D-40 | 17200 | 2130 | Deutz |

* no CE conformity

** with sun roof

PRODUCT GUIDE

SOIL AND LANDFILL CONSTRUCTION.



Refuse Compactors



Applications:
Distribution and compaction of all landfill waste materials including industrial, domestic and special waste types. Available in blade version "RB" or shovel version "RS".



| Typ | Operating Weight (CECE) kg | Working Width mm | Engine |
|--------------|----------------------------|------------------|----------|
| BC 463 RB-3 | 24300 | 3200 | Deutz |
| BC 473 RB-3 | 25700 | 3600 | Deutz |
| BC 473 RB-5 | 26000 | 3600 | Mercedes |
| BC 573 RB-3 | 28000 | 3600 | Deutz |
| BC 573 RB-5 | 28300 | 3600 | Mercedes |
| BC 672 RB-2 | 32100 | 3800 | Deutz |
| BC 672 RB-4 | 32600 | 3800 | Mercedes |
| BC 772 RB-2 | 36500 | 3800 | Deutz |
| BC 772 RB-4 | 37000 | 3800 | Mercedes |
| BC 873 RB-5 | 41300 | 4500 | Mercedes |
| BC 972 RB-2 | 46500 | 5200 | Deutz |
| BC 972 RB-4 | 48500 | 5200 | Mercedes |
| BC 972 RB-4L | 44400 | 4540 | Mercedes |
| BC 973 RB-5 | 47900 | 5200 | Mercedes |
| BC 1172 RB-2 | 54500 | 5200 | Deutz |
| BC 1172 RB-4 | 55800 | 5200 | Mercedes |
| BC 1173 RB-5 | 56600 | 5200 | Mercedes |
| BC 473 RS-3 | 25400 | 3198 | Deutz |
| BC 473 RS-5 | 25700 | 3200 | Mercedes |
| BC 772 RS-2 | 37300 | 3800 | Deutz |
| BC 772 RS-4 | 37800 | 3800 | Mercedes |

Stabilizers/Recyclers



Applications:
All machines can be used as recyclers or soil stabilizers. MPHs can be used as recyclers or as soil stabilizers. When used as a recycler, old and damaged blacktop surfaces including the base layer can be torn up, crushed and mixed in with new binders. As a soil stabilizer, it is used for mixing in lime, cement, or other binder with the existing material to improve the soils and to solidify soil sub-surfaces in backfilling, anti-frost layers and base layers.



| Typ | Operating Weight (CECE) kg | Working Width mm | Engine |
|--------|----------------------------|------------------|-------------|
| RS 360 | 17690 | 2005 | Cummins |
| RS 460 | 24150 | 2440 | MTU |
| RS 500 | 24900 | 2250 | MTU |
| RS 650 | 27900 | 2400 | Deutz |
| RS 950 | 32000 | 2438 | Caterpillar |

Soil Compactors



Applications:
Soil compactors are ideally suited to distributing and compacting large-scale construction sites. They are designed for compacting mixed soils and cohesive soils in thin to medium layers. The soil compactor can be adapted to requirements on-site with a selection of compaction wheels and dozer blades.



| Type | Operating Weight (CECE) kg | Working Width mm | Engine |
|-------------|----------------------------|------------------|----------|
| BC 473 EB-3 | 25700 | 3600 | Deutz |
| BC 473 EB-5 | 26000 | 3560 | Mercedes |
| BC 772 EB-2 | 35300 | 3800 | Deutz |
| BC 772 EB-4 | 35800 | 3800 | Mercedes |

BOMAP



Applications:
BOMAP is a self-explanatory mobile solution that enables you to document your work results in real time on site. BOMAP in combination with the optionally available wireless GPS antenna from BOMAG gives you the opportunity to create an accurate compaction map. During the compaction process, damaged areas, for example, can be recorded with text, photo and position for subsequent processes.



TERRAMETER

Applications:
The Terrameter developed by BOMAG is a compaction measuring system for continuous determination and analogue display of the dynamic soil stiffness in form of the vibration modulus E_{vib} [MN/m²]. E_{vib} enables qualitative and quantitative assessment of the compaction and load bearing capacity of soils in earth and road construction. E_{vib} is directly related with the soil deformation modulus E_{v2} .



Applications:
See compaction with different eyes: The unique BOMAG ECONOMIZER shows the operator when the optimum compaction has been achieved. BOMAG ECONOMIZER makes soil compaction transparent and efficient. The soil stiffness is constantly measured during compaction and shown to the driver on the display. The driver continues operation until the displayed value no longer increases. BOMAG ECONOMIZER saves time and fuel, recognises weak spots and thus reduces the risk of reworking. At the same time, the ECONOMIZER is extremely easy to understand: no separate switching on or calibration necessary.

Compaction Management BCM 05

Applications:
BOMAG Compaction Management (BCM) is used to manage and fully document compaction over an entire construction site. A tablet PC suitable for construction sites and a GPS receiver form the basis for creating complete compaction maps. This provides the operator with direct feedback on how to optimise the rolling pattern. All the data is documented for subsequent analysis. The systems have a modular set-up. All the hardware is compatible, and an upgrade is possible at any time. The components are interchangeable between machines.



Printer for Terrameter

Applications:
The Terrameter/BEM compaction measuring system calculates the dynamic stiffness of the soil as a vibration unit E_{vib} [MN/m²]. Compaction progress can be printed out on a printer in the cabin.



BOMAG CCC Interface

Applications:
The BOMAG CCC Interface is an open source interface to monitor and manage your compaction data. It is part of BOMAG's Continuous Compaction control system and delivers detailed data in real time. It connects seamlessly into BOMAG data management systems, but also into third party systems. Provided data ranges from travel speed, travel direction, steering angles to temperature and compaction values.



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 12 independent subsidiaries. Over 400 dealers in more than 150 countries guarantee the global distribution of BOMAG machines and their maintenance.

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