

## Single Drum Roller

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– Serie 5 –

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– 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	1426	Kubota
BW 145 DH-5	4820	1426	Kubota
BW 145 PDH-5	5070	1426	Kubota
BW 177 D-5	6600	1686	Kubota
BW 177 DH-5	6700	1686	Kubota
BW 177 PDH-5	6950	1686	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	12510	2130	Deutz
BW 213 DH-5	12720	2130	Deutz
BW 213 PDH-5	13830	2130	Deutz
BW 214 D-4	13910	2130	Deutz

\*with ROPS cab

Type	Operating Weight* (CECE) kg	Working Width mm	Engine
BW 216 D-5	15990	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	25300	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	1686	Kubota
BW 213 BVC-5	13780	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	12420	2130	Deutz
BW 213 PD-40	12870	2130	Deutz
BW 215 D-40	14050	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".



Type	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 972 RB-2	46500	5200	Deutz
BC 972 RB-4	48500	5200	Mercedes
BC 972 RB-4L	44400	4540	Mercedes
BC 1172 RB-2	54500	5200	Deutz
BC 1172 RB-4	55800	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.



Type	Operating Weight (CECE) kg	Working Width mm	Engine
RS 360	17690	2005	Cummins
RS 460	23850	2250	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



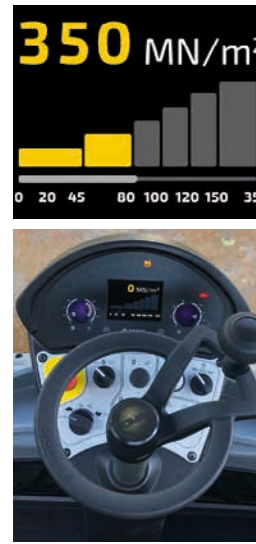
**Applications:**  
BOMAP is a self-explanatory mobile solution that enables you to document your work results in real time on site. BOMAP in combination with the optionally available wireless GPS antenna from BOMAG gives you the opportunity to create an accurate compaction map. During the compaction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

## 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.

## 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:**  
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.

## ECONOMIZER



**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.

## 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 14 independent subsidiaries. Over 500 dealers in more than 120 countries guarantee the global distribution of BOMAG machines and their maintenance.

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