

The compact class.



Single drum rollers



# Get your business rolling: work flexibly, cost-effectively and successfully with BOMAG's compact single drum rollers.

BOMAG's new compact and manoeuvrable single drum roller range models are true all-rounders. For tight inner-city jobs or for landscaping, civil engineering or highway construction – these single drum rollers are the perfect partner for every construction project.



This compact class sets a new standard for road construction with excellent driving precision and accurate compaction along edges.

- ◆ Powerful and efficient compaction
- ◆ 30% lower fuel consumption
- ◆ Uniform compaction
- ◆ Fast and secure transport
- ◆ Easy handling
- ◆ Minimum downtime
- ◆ Easy servicing
- ◆ Long service intervals







For inner-city work: high mobility, high output. These compact and manoeuvrable single drum rollers are ideal for compaction in confined spaces. VARIOCONTROL: sensitive compaction close to buildings.



Excellent gradeability and an optional dozer blade also make these models ideal for civil engineering and landscaping work.



## Compaction. Right first time.

**BOMAG's new compact range of single drum rollers consists of a choice of models in all weight classes from 4-8 t and covers a wide range of applications.**

### Genuine all-rounders:

- ◆ **for all soil types**
  - Smooth drum for crushed rock, gravel or sand
  - Pad foot drum for cohesive material
  - Pad foot segmented shell for flexible use
- ◆ **on small to medium size earthworks**
- ◆ **on thin to medium thickness fill layers**



In addition to the exact  $E_{VIB}$  value, the TERRAMETER also displays the standard specifications for compaction values.

## Making compaction easy.

**The TERRAMETER option provides accurate and continuous information on compaction performance. Soft spots are detected and located. Full compaction is seen at a glance and unnecessary passes avoided. The integrated display in the cab is easy to view. The printer allows documentation of the  $E_{VIB}$  compaction values in MN/m<sup>2</sup> for each pass. This results in more uniform compaction and effective use of these rollers.**

The optional BCM 05 system offers documentation of compaction results across the total rolled area. The BCM 05 saves  $E_{VIB}$  values for the complete site. Compaction is tracked on the large display in real time, lane by lane, and location by location. The colour display instantly shows the operator which areas have already been compacted. Data can be transferred to the site office via a USB stick for analysis and archiving. BCM 05 positioning also allows combination of  $E_{VIB}$  values with positioning data from the BOMAG StarFire GPS receiver. BCM 05 positioning creates accurate compaction maps with no need for input from the driver. The BOMAG StarFire receiver gives high accuracy without need for local reference stations. Total flexibility, more accuracy and easy use!



Continuous dynamic compaction control with BCM 05.





Easier: VARIOCONTROL operation with a single switch.



Easy-to-use optional printer for documenting results.

## Automatic compaction.

VARIOCONTROL, BOMAG's automatic control device, ensures fast rolling to the specified level of compaction: Simply select a target value on the rotary switch and start compacting. The amplitude is automatically adjusted to the required compaction power. When the compaction target has been reached, the amplitude is automatically reduced. This adjustment to actual conditions within seconds guarantees uniform compaction.

With VARIOCONTROL, it is also possible to select amplitude manually. This allows sensitive compaction near buildings or on bridges, for instance. Easy operation via a rotary switch means the operator can always find the right setting.

If required, the degree of compaction can be verified by using the measuring position.

### Here are the advantages:

- ◆ Sensitive compaction, e.g. near buildings
- ◆ Uniform compaction to target values
- ◆ Powerful compaction for maximum depth effect and high compaction values
- ◆ Avoids aggregate crushing and over-compaction
- ◆ Newly optimised and simplified operation



BOMAG VARIOCONTROL: the most efficient compaction solution.

# Compaction on all terrain.

**BOMAG offers top performance - even on steep gradients. Wide frame angles offer clearance when starting work up inclines. Generous ground clearance avoids bellying or contact. The pivoted articulated joint gives full ground contact and maximum traction at all times.**



Excellent gradeability on both forward and backward travel.

The DH version is the ultimate model where traction demands are particularly high. With its double-pump drive system, this roller becomes a true mountain goat! The steepest inclines can be surmounted safely.



DH With a gradeability of up to 64%, double-pump models meet the toughest demands.





## Superb handling.

Every operator will find this intuitive control concept easy to understand – either equipped with basic or full features. A comfortable seating position inside the roomy cab provides fatigue-free operation. The driver can adjust the seat and steering wheel as needed. With the track assistant and a self-centring articulated joint, lane driving or along edges is made easy for every level of experience. At the same time, the generously dimensioned cab with excellent ventilation provides comfort in any conditions. The new radio with hands-free function allows distraction-free driving. The cab even has space for electric cooling bags. Access on both sides provides safety and ease with everyday use. A clear 360° view allows fast and effortless driving and enhanced safety on site. The well laid out and easy access controls highlight the straightforward BOMAG design



Precise compaction on edges with the optical track assistant.

concept. Clear symbols give immediate recognition of functions. Two working head lights at the front and at the rear provide an outstanding 360° view at night.



Easy access on both sides and a spacious cab.

# The single drum roller which meets individual needs.

**The choice of options allows configuration to meet all preferences. From simple layouts without cab to cabs with air conditioning and hands-free functions – the options are all yours.**

Optional equipment such as a pad foot segmented shell allow combination of two applications in one machine. The dozer blade turns the roller into a highly versatile machine which can handle levelling, distribution and compaction all at the same

time. In addition, BOMAG measuring systems such as TERRAMETER and BCM 05 provide an overview of compaction progress at all times. A rear view camera with an in-cab monitor is available for increased safety and travel comfort.



Easy levelling and distribution with the optional dozer blade.





## Transport and service is easy.



Fast loading and lashing.

### Fast and secure transport

Compact dimensions and effective lashing options allow easy transport. The new loading function makes the loading process fast and safe. Thanks to the low height, a flat-bed trailer is no longer needed. Steep ramps are handled effortlessly.

### Easy service

The proven BOMAG service concept has been consistently applied across our new single drum range. Long service intervals and minimum service points keep the maintenance to a minimum. No daily maintenance is required – a visual check using easy access inspection windows is all that is needed. The hood can be opened fully without tools. As with previous single drum models, no lubrication is required. All service points are directly accessible. To offer dependable machines every time, we use high-quality components from renowned manufacturers. The BOMAG Service Team is always there when you need it, via telephone or on site. BOMAG Service offers direct, fast on-site assistance, keeping your productivity as high as can be.

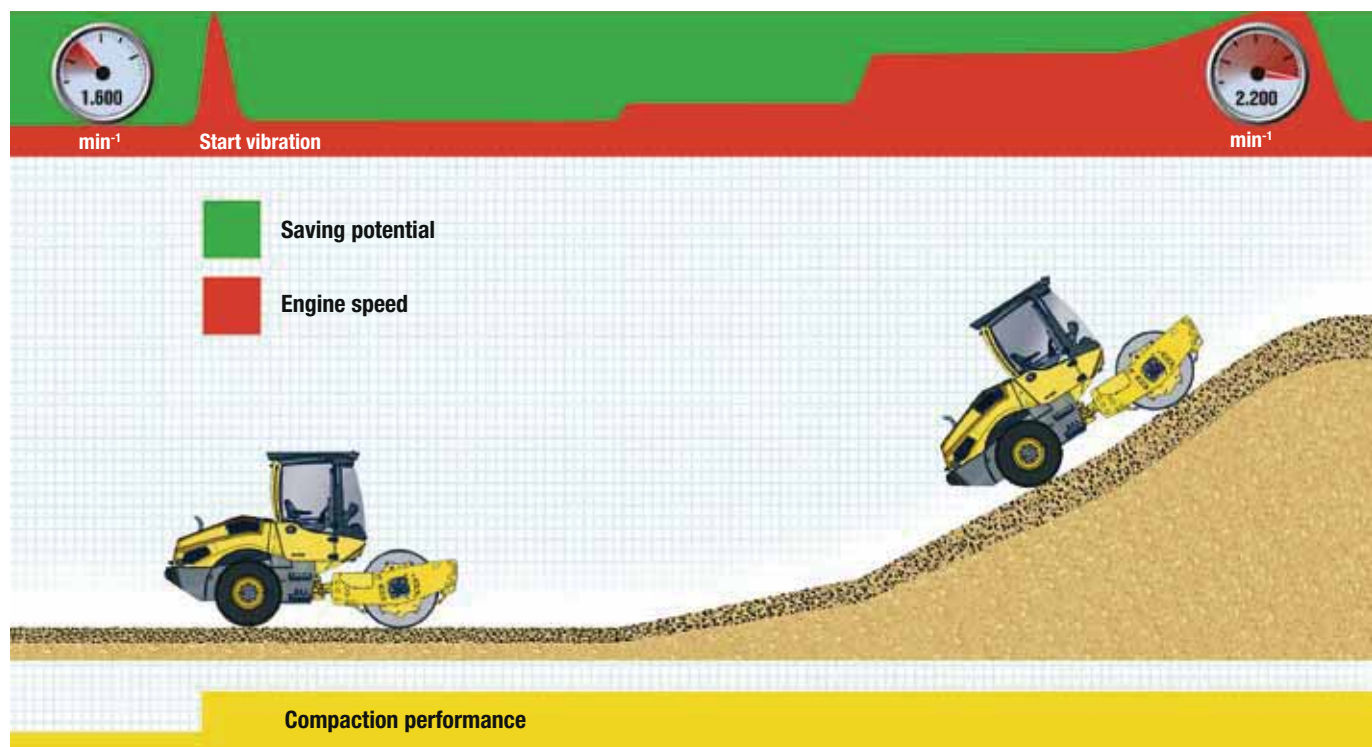


All service points are easily accessible from the ground.



With the ECOMODE function included as standard, the engine adjusts speed according to work load intensity, resulting in up to 30% less fuel consumption. Noise and exhaust emissions as well as wear are all reduced with this system.

The optional engine stop function switches off the engine after a specified stationary period, preventing unnecessary fuel consumption. All new single drum rollers in this generation use future-proof level 4/tier 4 engine technology and run without additives. Low emissions mean these rollers are particularly suitable for use in inner-city areas.



Save fuel with BOMAG ECOMODE.





## All the benefits:

### Increased profitability from:

- ◆ High compaction performance
- ◆ High-quality components
- ◆ Low running and service costs
- ◆ Wide scope of standard features
- ◆ ECOMODE
- ◆ TERRAMETER
- ◆ VARIOCONTROL

### Greater ease of service with:

- ◆ Fast accessibility
- ◆ Long service intervals
- ◆ Service kits

### Higher utilisation with:

- ◆ Wide range of applications
- ◆ High gradeability
- ◆ Choice of working widths
- ◆ Comprehensive range of options
- ◆ Easy operation
- ◆ Easy transport



**Users around the world trust in the BOMAG name.**

**The company has been part of the FAYAT Group since 2005. BOMAG has six branches in**

**Germany and twelve independent subsidiary companies around the globe. More than 500 dealers in over 120 countries ensure global sales and service for BOMAG machines.**

Head Office / Hauptsitz:  
BOMAG  
Hellerwald  
56154 Boppard  
GERMANY  
Tel. +49 6742 100-0  
Fax +49 6742 3090  
info@bomag.com

BOMAG Maschinen-  
handelsgesellschaft m.b.H.  
Porschestraße 9  
1230 Wien  
AUSTRIA  
Tel. +43 1 69040-0  
Fax +43 1 69040-20  
austria@bomag.com

BOMAG MARINI EQUIPAMENTOS LTDA.  
Rua Comendador Clemente Cifali, 530  
Distrito Industrial Ritter  
Cachoeirinha – RS  
BRAZIL  
ZIP code 94935-225  
Tel. +55 51 2125-6677  
Fax +55 51 3470-6220  
brasil@bomag.com

BOMAG (CANADA), INC.  
3455 Semenyk Court  
Mississauga, Ontario L5C 4P9  
CANADA  
Tel. +1 905 361 9961  
Fax +1 905 361 9962  
canada@bomag.com

BOMAG (CHINA)  
Compaction Machinery Co. Ltd.  
No. 2808 West Huancheng Road  
Shanghai Comprehensive  
Industrial Zone (Fengxian)  
Shanghai 201401  
CHINA  
Tel. +86 21 33655566  
Fax +86 21 33655508  
china@bomag.com

BOMA Equipment  
Hong Kong LTD  
Room 1003, 10/F Cham Centre  
700, Castle Peak Road  
Kowloon  
HONG KONG  
Tel. +852 2721 6363  
Fax +852 2721 3212  
bomahk@bomag.com

BOMAG France S.A.S.  
2, avenue du Général de Gaulle  
91170 Viry-Châtillon  
FRANCE  
Tel. +33 1 69578600  
Fax +33 1 69962660  
france@bomag.com

BOMAG (GREAT BRITAIN), LTD.  
Sheldon Way  
Larkfield, Aylesford  
Kent ME20 6SE  
GREAT BRITAIN  
Tel. +44 1622 716611  
Fax +44 1622 710233  
gb@bomag.com

BOMAG Italia Srl.  
Via Roma 50  
48011 Alfonsine  
ITALY  
Tel. +39 0544 864235  
Fax +39 0544-864367  
italy@bomag.com

FAYAT BOMAG Polska Sp. z o.o.  
Ul. Szyszkowa 52  
02-285 Warszawa  
POLAND  
Tel. +48 22 482 04 00  
Fax +48 22 482 04 01  
poland@bomag.com

FAYAT BOMAG RUS OOO  
141400, RF, Moscow region  
Khimki, Klayazma block, h. 1-g  
RUSSIA  
Tel. +7 (495) 287 92 90  
Fax +7 (495) 287 92 91  
russia@bomag.com

BOMAG GmbH  
300 Beach Road  
The Concourse, #18-06  
Singapore 199555  
SINGAPORE  
Tel. +65 6 294 1277  
Fax +65 6 294 1377  
singapore@bomag.com

BOMAG Americas, Inc.  
2000 Kentville Road  
Kewanee, Illinois 61443  
U.S.A.  
Tel. +1 309 8533571  
Fax +1 309 8520350  
usa@bomag.com