





All D/PD-40 single drum rollers are equipped drum drive and No-Spin axle for best gradeability and mobility.



Excellent all round visibility for maximum safety.



With the hood wide open, excellent access is provided to all components in the engine compartment.



The articulated joint is maintenance-free and so are the travel bearings and the steering cylinders ...

## BOMAG's New D/PD-40 Single Drum Rollers:

### **BOMAG's priority: your profitability**

Today's profit minded contractors require compaction equipment for use on a wide range of soil types, offering the best compaction performance, and having the highest build quality with the lowest operating costs. The new D/PD-40 range delivers all this and more.

### **Six Models offering Best Value for Money**

The new D/PD-40 family of single drum rollers comprises six rollers with a weight range of 10 to 15 tonnes and are suitable for use on non-cohesive and mixed soils (D-40) as well as cohesive soils (PD-40).

The BW 213 D-40/ BW 213 PD-4 models are the heaviest in this range and with a high power exciter system provide the highest performance.

### **Compaction Performance**

The volume of soil that can be compacted per operating hour is determined by the weight on the drum, the centrifugal forces and the amplitude. In this respect the D/PD-40 models have all the features needed for a wide range of compaction applications in less passes or thicker layers. Take a look at the D/PD-40 features:

- High optimum static linear loads, centrifugal forces and amplitudes



BW 212 D-40 with rails and working lights.

The BW 211 D-40/ BW 211 PD-40 entry models in the 10 to 11 tons class offer, in line with the rest of the range, latest state of the art technology.

- Two frequencies and two amplitudes as standard for different job site requirements
- Thick and rigid bevelled drums for best compaction and finish.

The BW 212 D-40/ BW 212 PD-40 models are all-rounders in terms of performance in this weight category. With an optional 35 mm drum shell thickness and maximum centrifugal force of 310 kN, these rollers can be adapted for use on a wide range of job sites.

### **Low Operating Costs**

These models allow contractors to boost profits by cutting costs on maintenance and service. Legendary BOMAG reliability is another major factor. The BOMAG philosophy is always that the lowest maintenance and service costs occur when this work is eliminated. Therefore all D/PD-40 rollers feature:

## A Passion to Perform

- *Maintenance-free articulated joint, steering cylinders and travel bearings. That means no grease nipples. The only check for the operator each morning is the engine oil level and this takes just seconds.*

*When service is due, costs are cut again by*

- *Quick access to all service and maintenance points in the engine compartment and the front drum.*
- *Central drainage points for engine, hydraulic oil and cooling water, and*
- *Individually exchangeable rubber drum buffers.*



*The BW 211 D-40, BW 212 D-40 and BW 213 D-40 at a glance.*

### **BOMAG Quality and Reliability**

*Today's contractors need productivity and high performing equipment BOMAG builds in reliability and maximum up-time with:*

- *Wear-resistant hydraulic hoses*
- *Wire harnesses that are protected by a safety cover*
- *Warning indicators to stop expensive repairs and minimise downtime*
- *A fully bolted front frame for quick repairs*
- *Only the best quality hydraulic and electrical components.*

### **Durable Cooling System**

*The cooling concept of the D/PD-40 range features the air inlet located above the roller where the dust contamination is lowest. This design gives more hours of operation without cleaning. The warm air is blown out upwards at the rear to avoid dust creation whilst the roller is in use. The high-capacity cooling system has been designed for use in extreme climate conditions.*

### **Large Filters Give Better Protection**

*BOMAG believes prevention is better than cure. Therefore all D/PD-40 rollers are equipped with:*

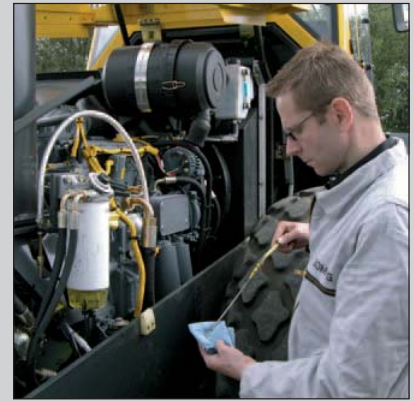
- *Large filters for air, engine oil and hydraulic oil, with sensors to show the operator when replacement is required and*
- *Two fuel filters, one pre-filter with water separator plus a second fine filter for a longer engine life.*

### **Excellent Manoeuvrability**

*Every model in this range is equipped with:*

- *powerful high torque drum drives*
- *heavy duty axle with NO-SPIN differential, giving maximum traction is available even if one wheel loses ground contact.*

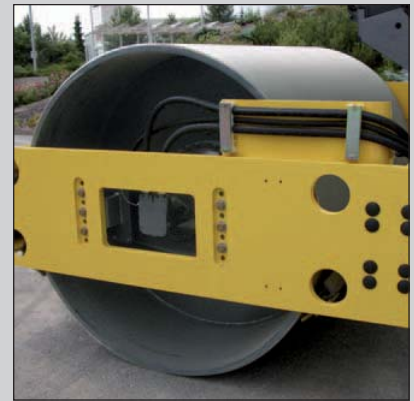
*Superior traction is guaranteed even under toughest conditions.*



*The only check needed is the engine oil level. That's it!*



*Super-size filters for fuel, air and oil give better protection to key components.*



*The heart of the D/PD series is the drum and exciter system delivering top compaction and performance.*



*The dashboard is clearly laid out and tells you everything you need to know.*

## Options

### Job Site Flexibility

When soil conditions change, the machine must be adaptable to the new application. All D-40 single drum rollers are therefore optionally available with a padfoot segment kit for use on cohesive soils such as clay and silt. The conversion can be done on the job site in less than 90 minutes. Any modifications at the hydraulic system are not required. Furthermore, since the geometry between the vibrating drum and the rear wheels remain almost unchanged, traction problems are not a topic.



The padfoot segment kit is available as field kit as well.

### Options designed to enhance performance

The modular design of this model line allows all six machines to be readily upgraded with a range of field kits designed to enhance performance. Take for example the BOMAG *E<sub>VIB</sub>* Meter (BEM) and the BOMAG Terrameter (BTM plus or BTM prof): all of which can convert a roller into intelligent compaction

machine. With these systems, the dynamic load bearing capacity, known as *E<sub>vib</sub>*, can be monitored in MN/m<sup>2</sup> terms during the compaction process. This type of system increase productivity by

- reducing the number of rolling passes as well as
- reducing machine breakdown probability, maintenances and repair costs by avoiding overcompaction.

Compaction performance can be enhanced using a range of factory installed options which will increase the amplitudes and centrifugal force of D/PD models. The BW 212 D-40 and BW 213-40 can, for example, be ordered with amplitudes of 2.00 mm and 1.0 mm. The BW 211 D-40 can even be upgraded ex works to an amplitude of 2.2 mm and 1.1 mm. These options give enhanced compaction performance sometimes useful on really tough jobs.



Compaction control systems such as BTM plus show load-bearing results in real-time.

BOMAG provides local service and support no matter where your next contract is located.

As world market leader in compaction equipment, we offer you the widest range of products backed by expert support and advice aimed at keeping your operation profitable.

Modern manufacturing plants in Germany, USA and China together with licencees and partners around the world supply BOMAG rollers to global markets.

Regional customer care is centred on six branches in Germany, eight subsidiaries in Austria, Canada, China, France, Great Britain, Italy, Japan and USA, one sales office in Singapore and over 500 independent BOMAG dealers.

BOMAG Service. Everywhere and for every need. Our branches and dealers are backed by BOMAG's Central Parts warehouse where about 40,000 parts are held against customer requirements. You expect top service from BOMAG. We aim to provide it.

Quality! For the paint finish of the machine BOMAG as far as possible uses a high quality environmentally friendly powder coating, which excels by its excellent resistance against corrosion, scratching and ultraviolet light.

BOMAG. The world's foremost compaction company.

The machines illustrated may show optional equipment which can be supplied at additional cost. Specifications may change without notice.

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