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BF 222 C / BF 223 C Road Pavers

5 t





The exceptionally compact design offers decisive advantages on narrow sites and for easy transportation.



The working width of 2.6 m is achieved with the basic screed. Step-by-step extension up to 4 m is possible.



A high capacity 2.9 m hopper width, 5 tonne material capacity and adjustable push rollers ensure problem-free truck loading.



Lockable metal operator stations secure your machine against vandalism and unauthorised operation.

BOMAG mini pavers BF 222 C and BF 223 C

The BOMAG Asphalt equipment series has been significantly widened by the addition of road pavers and milling machines.

You can choose the best road paver to suit your needs from amongst 8 machines ranging from 5 t to 20 t.

We offer a wide range of machines and types of equipment from the flexible BF 222 C pavement paver up to the high-performance BF 691 C paver.

The BF 222 C and the BF 223 C are mini pavers with an operating weight of about 5 t and an exceptionally compact design. These machines are particularly economical when used for constructing and maintaining cycle and footpaths, as well as for landscaping and smaller scale construction and repair work.



The main operating panel on the BF 223 C with electric screed heating.

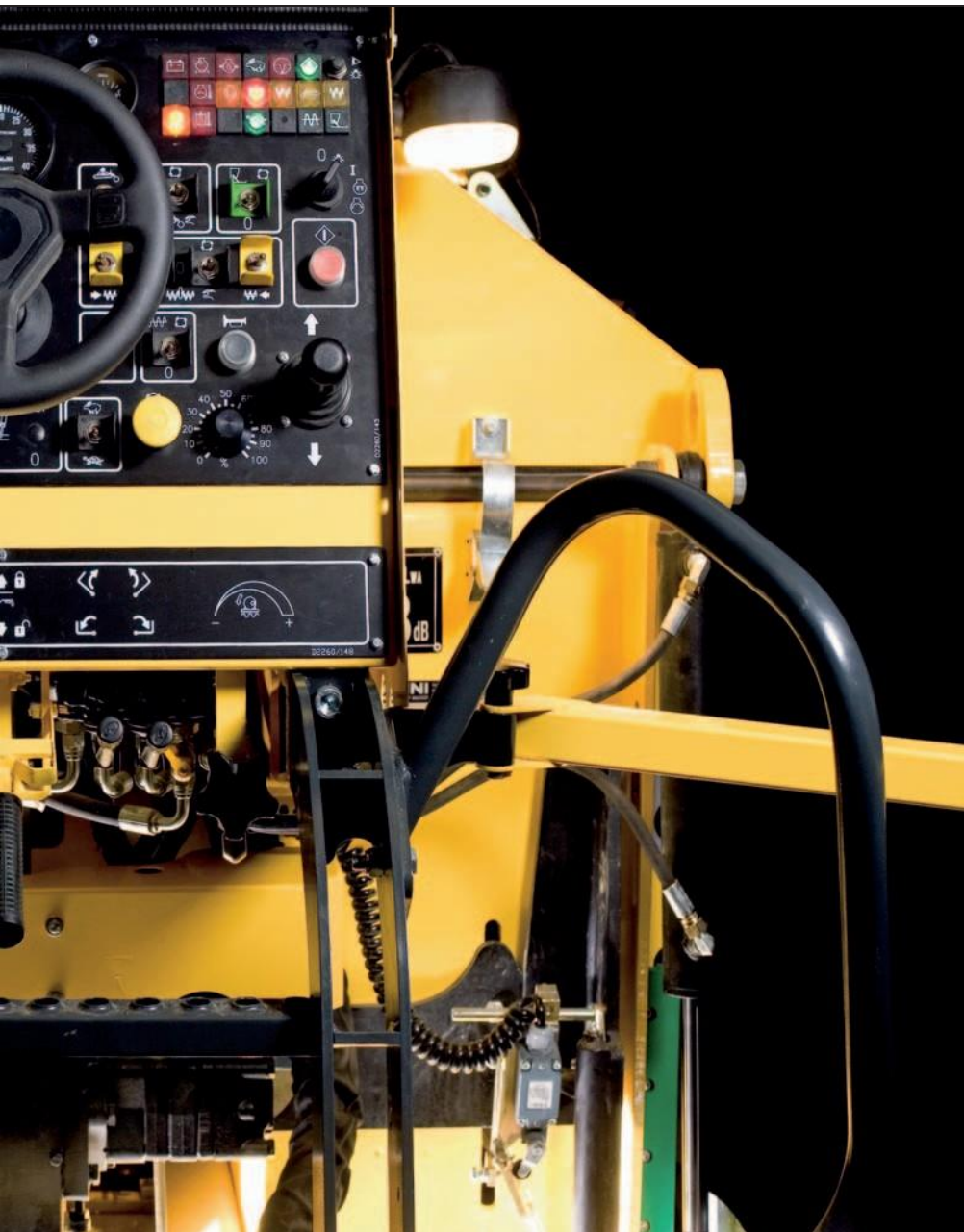
The economical solution for small contracts

Do you prefer low-maintenance, electric screed heating or tried and tested gas-powered heating? The choice is yours.

This is why we offer you two mini-paver models which otherwise share the same design. On the one hand, there is the BF222 C with gas screed and a lay down width of 500 mm to 3200 mm. On the other hand, as an alternative to the gas screed, there is the BF223 C with a higher level of basic engine power, electric generator and an electrically

heated screed. With the BF223 C, mat widths of 500 mm to 4000 mm can be achieved.

All operating and servicing controls on these BOMAG pavers are simply and robustly designed to suit tough conditions. This simplifies everyday work with the machine and reduces familiarisation time, e.g. for hired equipment.



With a fully folding operator's platform, the screed can work "against the wall", e.g. in workshops and multi-storey car parks.



Together with the screed, the operator's platform can also be adjusted to site conditions with laterally shifting consoles.



200 mm wide, screwed-on rubber floor plates reliably transfer forces even on loose subbases.



The truck push rollers are raised with the hopper wings to save space; they can be adjusted to the size of truck.

An overview of the BF 222 C and BF 223 C

The construction professionals for small sites

Maximum cooling capacity:
The built-in cooling capacity offers reassuring power reserves for daily use.

Large hopper volume

Be on the safe side with a 2.8 m³ (5 tonne) capacity hopper and 2.9 m delivery width. The hopper wings can be opened and closed separately.

Clear pulling point indicators:

The positions of pulling points are displayed using scales which are always visible to the operator and screed personnel.

Generous engine power:

These tried and tested engines are in use worldwide and offer sufficient power and pulling force with maximum placing width. In contrast to the BF 222 C with gas screed, the engine power was increased for electrically heating the BF 223 C screed.

Adjustable truck push rollers:

The wide rollers can be easily adjusted to different truck sizes. On narrow sites, the rollers can be automatically pivoted up with the hopper wings.

Maximum traction:

Wide rubber floor plates give high transfer of forces and also increase lateral machine stability.

Screwed-on floor plates:

The floor plates are bolted on and can be individually and quickly replaced if the rubber pad is damaged.

High travel speed:

1st gear: 0-29 m/min (working range).
2nd gear: 0-68 m/min (travel range).
Makes it easier to transfer the machine quickly on-site.



Central on-board electrics:

The central electrics and fuse box are easily accessed.

Vandal-proof:

Main controls and side-mounted operator stations are protected against vandalism by lockable metal covers.



High material throughput:

A 440 mm wide scraper belt ensures maximum throughput of up to 200 t/h.

High-quality metal plates:

Minimum wear with high wear resistant plates where material is being conveyed.



Height adjustable augers:

The auger can be mechanically or hydraulically (option) adjusted for height.

Convincing material flow control:

Both the scraper belt as well as the augers can be individually controlled and reversed. Material control is by means of electric switches and paddle switch.

Folding operator's platform:

The simple and quick to fold operator's platform offers you decisive advantages on narrow construction sites when working against walls and for reducing the transport length. This means, for example, that the paver plus a small roller can easily be transported together on a trailer.

Lay down widths of 0.5 m to 4 m:

BF 222 C: Gas screed with 1.4 m – 2.6 m
0.5 m with reduction plates
Expansion to 3.2 m

BF 223 C: Electric screed with 1.4 m – 2.6 m
0.5 m with reduction plates
Expansion to 3.3 m or 4.0 m

Accurate levelling:

Choose from several systems. In addition to the standard solution of mechanical or ultrasonic sensors other levelling systems may be used without difficulty.



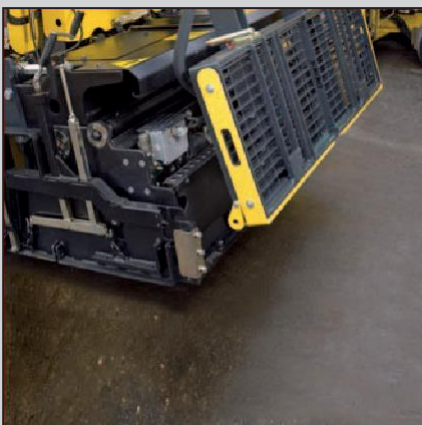
The operator's platform offers a secure, obstacle-free working place. The walk board can be adjusted to the screed width.



Particularly advantageous on narrow construction sites: the side plates can be adjusted from behind as well using the offset crank handle.



Free-positioning side-mounted metal operator stations with individually replaceable controls.



The entire walk board can be folded to save space using a handle and can be locked with a locking bolt.

Screeds and screed extensions

Screeds

Two different screeds are available for pavers BF222 C and BF223 C. The BF222 C is equipped with the well-known and proven HF gas screed, whereas we are offering the BF223 C with the newly developed HF electric screed.

Screed extension

Mat widths of up to 4.0 m can be achieved using screed extensions.

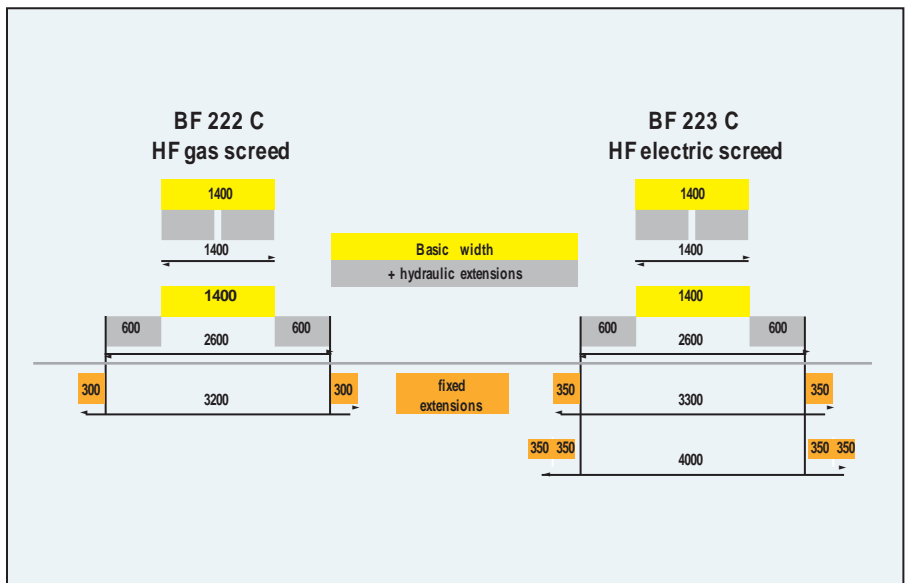
This significantly expands the application options of our mini paver - an additional, larger paver is no longer required on many sites.

• BF222 C with HF screed:

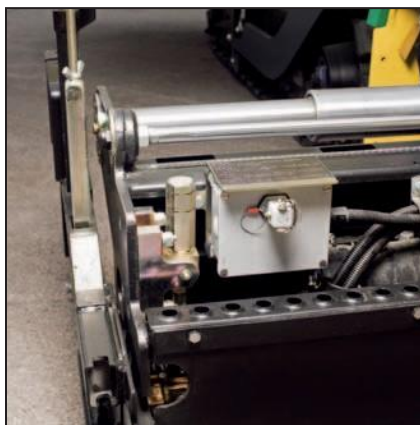
Screed with GAS heating
Basic width 1.4 – 2.6 m
3.2 m screed extension
0.5 m reduction plates

• BF223 C with HF screed:

Screed with ELECTRIC heating
Basic width 1.4 – 2.6 m
3.3 m screed extension
4.0 m screed extension
0.5 m reduction plates



Variable screed width with different extensions for maximum productivity.



The basic screed is of robust design to take extensions of up to 4 m without difficulty.



The auger can be adjusted in height mechanically - also hydraulically, on request.

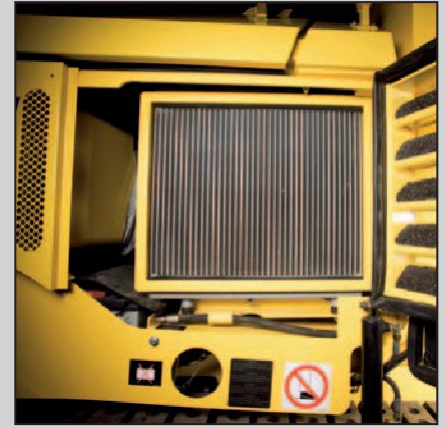
Servicing/Maintenance

Simple servicing saves time and money

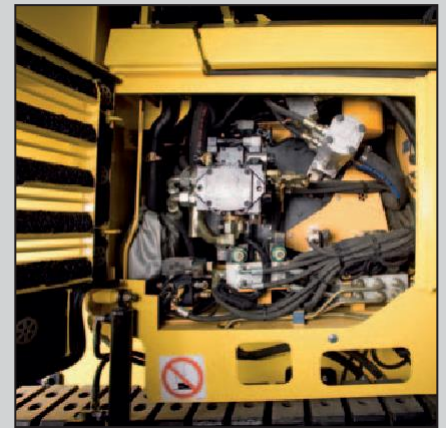
The BF222C and BF223C are constructed for the easiest access to servicing points. There are no hard to reach maintenance areas. All flaps and doors are dimensioned to be as large as possible and can be opened wide. The individual components are directly within reach. This reduces to a minimum the risk of downtimes or damage to engines and hydraulics.

The advantages of the BOMAG road paver

- **Simple operation:** The BOMAG operating concept meets the requirements of modern job sites. Only robust mechanical controls are used – no foils, no sub-menu structures.
- **Easy repair work:** with standard mechanical switches, repair work on site is simplified and time spent on repairs is shortened. This keeps costs and downtimes low.
- **Worldwide BOMAG sales & marketing.**
- **Worldwide BOMAG service network.**
- **Worldwide BOMAG spare parts supply.**



The engine compartment is accessible from three sides. This shows the generously dimensioned cooler.



Easily accessible central hydraulics – pumps, valves, connections, etc. are all immediately to hand.



The main control panel with robust easy to change switches.



Bolt-on rubber floor plates – this increases traction, is kinder to kerbs and simplifies maintenance.



The machine control system is easy to reach in a central, enclosed control cabinet.



The fuse box – well protected yet readily accessible.

Standard/Options

Basic machines

BF 222 C / BF 223 C:

- Tracked paver BF222 C, with HF gas screed 1.4 - 2.6 m.
- Tracked paver BF 223 C, with HF electric screed 1.4 - 2.6 m.

Standard BF 222 C:

- Diesel engine, 3 cylinders, 24.4 kW.
- Individual control of hopper wings.
- Adjustable truck bumper rollers.
- Reversible scraper belt, electromechanically controlled.
- 2 reversible augers made from GG Cr12 casting, electromechanically controlled.
- Mechanical auger height adjustment.
- Mechanical walk board adjustment.
- Vibration setting (960 - 3600 rpm).
- Gas heated HF hydraulic screed with 1.4 - 2.6 m placing width.
- Fully automated screed heating (gas heating).
- Crawler track with PLC travel, control and braking system.
- 1 working speed range, 1 fast travel speed range.
- 200 mm floor plates with rubber pad, individually bolted.

Standard BF 223 C:










- Diesel engine, 4 cylinders, 37.3 kW.
- Individual control of hopper wings.
- Adjustable truck bumper rollers.

- Reversible scraper belt, electromechanically controlled.
- 2 reversible augers made from GG Cr12 casting, electromechanically controlled.
- Mechanical auger height adjustment.
- Mechanical walk board adjustment.
- Vibration setting (960-3600 rpm).
- Electrically heated HF hydraulic screed with 1.4 - 2.6 m placing width.
- Fully automated screed heating (electric heating).
- Crawler track with PLC travel, control and braking system.
- 1 working speed range, 1 fast travel speed range.
- 200 mm floor plates with rubber pad, individually bolted.

Options:

- Screed extensions for BF 222 C GAS screed: 3200 mm.
- Screed extensions for BF 223 C ELECTRIC screed: 3300 mm, 4000 mm.
- Hydraulic auger height adjustment.
- Cleaning system with hose reel, pump and tank.
- Reduction pads 500 mm.
- Levelling systems: Height and lateral sensing with ultrasound or mechanical sensors.

Your benefits at a glance:

-  **Intuitive** operating concept. Fast, secure machine handling.
-  **Robust** controls designed for site use.
-  **Wide rubber floor plates.** Secure hold and high traction.
-  **Folding operator's platform.** Minimal transport dimensions and easy working against walls.
-  **Placing widths** of 0.5 m to 4 m.
-  **Gas and electric screeds.**
-  **BOMAG sales & marketing network.** With global applications advice.
-  **BOMAG spare parts supply.** For the shortest downtimes for servicing work.
-  **BOMAG service network** Over 500 dealers worldwide.

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

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