



PERFECTION THAT PAYS OFF.

BOMAG FEEDER BMF 2500/BMF 2500 S FLEXMIX.



MILLIONS OF KILOMETRES BEAR OUR SIGNATURE.

You build the finest roads so we can all make the quickest progress. And to ensure your rapid progress, we build the best machines. As part of the internationally leading FAYAT Group, we offer machines for all areas of road construction: cold planers, recyclers, asphalt rollers, soil compactors, pavers and, of course, feeders.

For over 60 years, the history of our company has been synonymous with the history of road construction. With our accumulated expertise, we set the pace for an entire industry. BOMAG has developed a wide range of innovative products, such as FLEXMIX technology, which enables a homogeneous material flow from the very first second –

for even more precise, efficient work. Or the slewing belt, which only takes 30 minutes to mount, extends our feeders' area of application and saves valuable time.

We offer solutions for a wide variety of applications. Our global network of experts and partners in over 120 countries supports you comprehensively, from the configuration of the machines to providing solutions for the most challenging of tasks. And this includes an intelligent service concept as a matter of course. More than 2,200 BOMAG employees worldwide apply their commitment and know-how to something very special: your success.





EFFICIENCY YOU CAN RELY ON.

WHAT MAKES THE BMF 2500 TOP OF ITS CLASS:

1 CONTROLLED MATERIAL FLOW

The conveyor belt sensor fitted as standard ensures an ideal material flow at all times. It guarantees that the paving material reliably reaches the paver's hopper.

8 SAFE OPERATION

The chain-reinforced conveyor belt guarantees a long machine life and thus low operating costs.

7 MAXIMUM FLEXIBILITY

The optional 6.5-metre-long slewing belt can be mounted or removed in less than 30 minutes thanks to the hydraulic supports – no tools required.



2 HIGH CONVEYING CAPACITY

The 1.2-metre-wide conveyor belt can transport up to 4,000 tonnes of material per hour. The optional slewing belt can be mounted or removed in under 30 minutes, saving time and resources.

3 ULTIMATE EASE OF USE

The adjustable workstation with lift platform and swivel seats offers the operator maximum comfort and a perfect overview.



4 LARGE HOPPER

The large material hopper has a capacity of 15 tonnes and enables fast lorry changes.

6 SIMPLE AND SAFE

The standard automatic distance control constantly maintains the correct distance to the paver, which in turn ensures safe paving.

5 FLEXMIX TECHNOLOGY

The innovative FLEXMIX technology ensures fully homogeneous mixing of the material right from the start.



CONVEYOR BELT

POWER THAT CONSERVES RESOURCES.

The BMF 2500 optimises the material flow efficiently and reliably. Its exceptionally high conveying capacity enables a truck unloading time of only 35 seconds for 27 tonnes of gravel, sand or asphalt. Thanks to its narrow transport width of 2.55 metres, it's easy to get it to the job site.

The BMF 2500 features a rigid conveyor belt as standard that can be hydraulically height-adjusted. In the S version, this is available with a length of 3,440 mm and in the M version with a length of 4,425 mm. A slewing belt is available as an optional extra, allowing a slewing angle of 55° to either side.

RIGID CONVEYOR BELT

LONG SERVICE LIFE

- Chain-reinforced conveyor belt for reliable operation and particularly long service life
- No need for retightening during operation, saving the time and effort involved
- Usable regardless of temperature: no thermal deformation of the conveyor belt
- Reliable material conveying ensured by the roller chain
- High conveying capacity of up to 4,000 tonnes per hour for maximum efficiency
- Minor damage repairs without having to replace the conveyor belt

SCRAPERS

- Robust scrapers reliably prevent material from getting under the conveyor belt
- Split design allows scraping across the entire width of the conveyor belt
- Single and double scrapers available, depending on the belt and equipment



BMF 2500 S options. BMF 2500 S with a short belt.

OPTIONAL SLEWING BELT

QUICKLY READY FOR USE

- Straightforward separate transport: logistics facilitated as no permit required
- Ready for use fast: slewing belt can be mounted or removed in 30 minutes
- Really convenient: quick release couplings for slewing belt mounting without tools
- Safe and easy: hydraulic feet make mounting and removal much easier
- Perfectly clean: double scrapers prevent material moving under the belt

COST SAVINGS

- The slewing belt keeps investment costs low by enabling side loading and better utilisation of the machine fleet
- Easy to dismantle when not in use – for a longer service life

MAXIMUM FLEXIBILITY

- Straightforward work: 55° slewing angle for trouble-free side loading
- Saving time and resources: simultaneous feeding of two pavers possible
- More flexibility: machine suitable for all job site requirements

SLEWING ASSISTANT

- Quick changeover: slewing belt memory function for storing two individual positions
- Greater safety: two sensors for monitoring the side and height angle
- Simple operation: swivel at the touch of a button
- Smooth operation: convenient, smooth travel thanks to intelligent control system
- More convenience: easy feeding of two pavers simultaneously



BMF 2500 S offset with slewing conveyor belt for the short version.

THE DRIVER'S STAND

COMFORT AND SAFETY COMBINED.

Greater visibility, protection and safety: The BMF 2500 driver's stand is characterised by outstanding comfort, ergonomics and ease of use. It is the result of a design concept that easily meets and surpasses all the requirements of a modern feeder.

LIFT PLATFORM AS STANDARD

- The hydraulically height-adjustable platform offers optimum visibility in all directions – to the front when unloading delivery trucks and to the rear when loading the paver's hopper.

ADJUSTABLE WORKPLACE

- Particularly convenient for the driver, as the seat and control panel can be turned to face the direction of travel.
Both seats can be pivoted outwards for optimum visibility to the sides.

FRONT AND SIDE WINDOWS

- The driver's stand can be equipped with a windscreen and side windows for bad weather protection.

TRANSPORT

- The frame can simply be raised hydraulically for smooth loading of the machine. Likewise, the roof can easily be raised hydraulically into a transport position.

CONTROL PANEL

- Comfortable in any position: the ergonomic control console can be adjusted perfectly to the job site situation and the operator's individual needs.



Optimum visibility: the lift platform.



Easy loading: the frame can be raised and the roof lowered.



Perfect protection: front and side windows.



Comfortable: rotating seat with control panel.



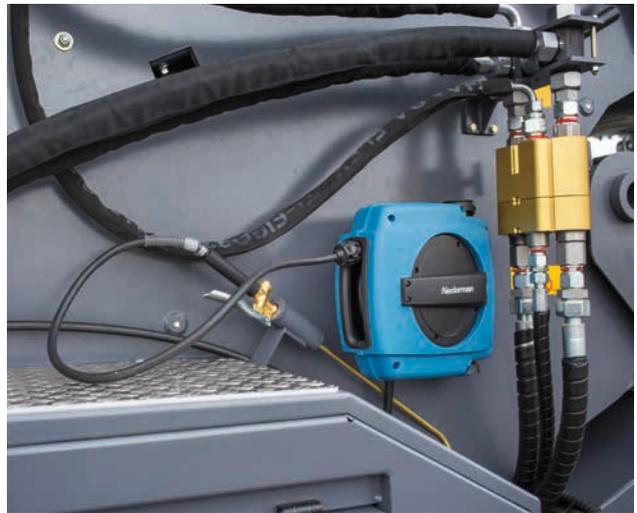
Automated material flow: the filling level sensor.



Synchronised speed: the distance sensor.



Cleaning at the push of a button: the belt cleaning system.



For easy cleaning: the hose reel.



Easier operation: the joystick.



Better communication: the optional signal lamp system.

THE OPERATING CONCEPT.

FUNCTIONS THAT MAKE ALL THE DIFFERENCE.

Hard work made easy: The BMF 2500 is user-friendly and convenient to operate. Numerous useful functions facilitate daily work on the most diverse construction sites.

■ THE FILL LEVEL SENSOR

Ensures the smooth automated flow of material, keeping the right amount of mix in the paver's hopper at all times.

■ THE DISTANCE SENSOR

Maintains a constant distance to the paver by adapting the travel speed of the feeder to that of the paver, thus ensuring accurate feeding.

The distance sensor can store two distances for feeding two pavers, offering a flexible working range.

■ THE BELT CLEANING SYSTEM

At the push of a button, it sprinkles the belt with release agent for a smooth workflow.

■ THE INTEGRATED CLEANING SYSTEM

All feeder components can easily be cleaned manually thanks to the hose reel and four hose couplings located around the machine.

■ THE CAMERA SYSTEM (optional)

Allows full all-round visibility, making everyday work simpler and safer.

■ THE SIGNAL LAMP SYSTEM (optional)

Enables straightforward communication with the truck driver, thus preventing errors.

■ THE JOYSTICK (optional)

Can be positioned on the right side of the armrest for greater comfort and safety, and offers direct access to the most important functions: automatic adjustment of the belt speed, slewing belt position, travel operation and horn.



Improved visibility and safety: the camera system.

FLEXMIX

HOMOGENEITY AT A WHOLE NEW LEVEL.

The BMF 2500 is available with the innovative FLEXMIX technology. This ensures optimum mixing of the material from the first to the last minute of the feeding process. FLEXMIX corrects cold spots before the material is installed and prevents thermal and physical segregation – for an all-round outstanding work result every time.

The BMF 2500 S FLEXMIX model is based on the BMF 2500 S and features both FLEXMIX auger technology and FLEXMIX belt technology as standard. The **FLEXMIX basic option** is available for all BMF 2500 models and includes only auger technology.



FLEXMIX BASIC: AUGER TECHNOLOGY.

- Two conical augers in the hopper convey the material in portions from the outer sides to the centre, thus ensuring a homogeneous material flow
- The auger design ensures perfect material mixing and thus a homogeneous material temperature
- The hydrostatic single front drives are conveniently operated via the main control panel



Two augers for homogeneous material flow.

FLEXMIX: AUGER PLUS BELT TECHNOLOGY.

- Material divider plus mixing unit at the end of the S-belt ensure homogeneous material mixing
- First, the flow divider splits the material flow and feeds it efficiently to the downstream mixing unit
- The mixing unit with two hydraulically driven augers then ensures ideal homogeneous mixing before the material is transferred to the paver
- The mixing unit can be raised hydraulically to increase the BMF 2500's conveying capacity
- Maximum capacity: 1,000 tonnes an hour



Mixing unit at the end of the belt.



Efficient material divider.



MAINTENANCE AND SERVICE

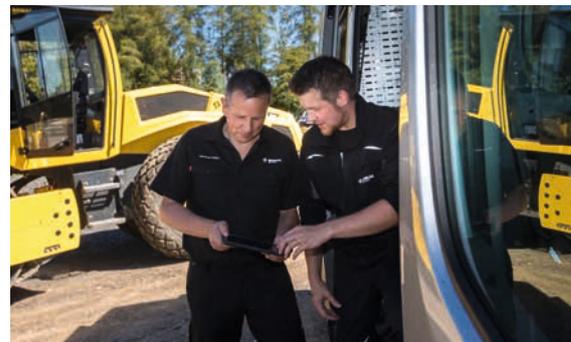
SERVICE WHEREVER YOU NEED IT.

When you buy a BMF 2500, you get not only superior technology but also first-class service.

Our service concept has a clear objective: less maintenance, minimal downtime, lower costs. Unnecessary maintenance points have been eliminated from the BMF 2500, and essential points have been made more accessible. No matter where your machine is in operation: we are there when you need us. We are your reliable global partner, with 12 subsidiaries abroad and over 500 dealers in more than 120 countries. BOMAG's central logistics guarantee high availability of original parts fast.



Generous: the maintenance access.



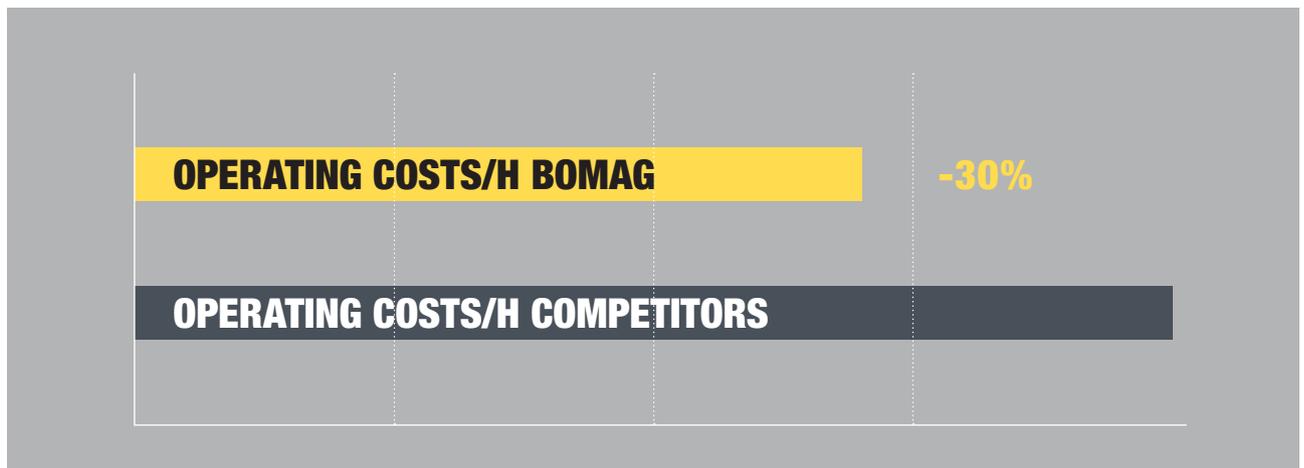
Fast and competent: our on-site service.

TOTAL COST OF OWNERSHIP

FIGURES TO DRIVE YOU FORWARD.

What do our machines do best? Strike the perfect balance between quality and cost-effectiveness. On the one hand, the quality of the technical details delivers outstanding work results and, on the other, ensures durability and low service requirements. Just consider the conveyor belt's longevity, the flexibility provided by the additional slewing belt, the ease of transport or the reduced fuel consumption

and efficiency of ECOMODE. All in all, it has the lowest operating costs in its class, offering savings of up to 30%. And that's a figure that convinces not only engineers but also the accounting department.



BMF 2500 MODEL OVERVIEW

A TRIO THAT IS UP TO THE JOB.

No matter if you opt for the S, M or FLEXMIX version – all three BOMAG BMF 2500 models are ready to take on the toughest job sites. Furthermore, they can all be equipped with optional extras to suit your needs, making work even easier and safer.



The right model for every requirement.

ALL THE MODELS AT A GLANCE.

	BMF 2500 S	BMF 2500 M	BMF 2500 S FLEXMIX
Conveying capacity	4,000 t/h (2,000 t/h with slewing belt)	4,000 t/h	4,000 t/h (1,000 t/h with mixing unit)
Machine transport width	2,500 mm	2,500 mm	2,500 mm
Engine	6-cylinder (164/168 kW)	6-cylinder (164/168 kW)	6-cylinder (164/168 kW)
Exhaust classification	Stage IIIa/Tier 3 Stage V/Tier 4 f	Stage IIIa/Tier 3 Stage V/Tier 4 f	Stage IIIa/Tier 3 Stage V/Tier 4 f
Conveyor belt width	1,200 mm	1,200 mm	1,200 mm
Slewing belt	Optional	-	Optional
FLEXMIX BASIC	Optional	Optional	Standard



Well-equipped for every construction site.





YOU DELIVER PERFECTION, WE DELIVER THE RIGHT TOOLS.

Success always comes from teamwork. This applies not only to your construction site crew but also to the interaction between our customers and us. We develop our machines based on your experience and according to your needs.

We want to provide you with exactly the tool you need to complete your tasks. Efficient in handling resources, convenient in operation and reliable in delivering a convincing work result.

Just like below at Erkelenz on the L354n Wanlo in North Rhine-Westphalia. That's what motivates us: contributing to our customers' success. And our BMF 2500 models and the BMF 2500 FLEXMIX feeder are outstanding examples of just that. Welcome to BOMAG.



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