



REALLY GOOD WHEN THE GOING REALLY GETS TOUGH.

OUR MACHINES FOR THE MINING INDUSTRY.







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CREATED FOR THE HARDEST WORK ENVIRONMENTS ON EARTH.

Mining is an industry that poses extreme challenges for man and machine. Geographically, topographically, climatically, and economically too. There is virtually no margin for error or machine breakdown. For technology to succeed here, it must simply function perfectly.

It is demands like these that have made us such a successful company in recent decades. We have vast experience when it comes to building roads, shaping landscapes, and implementing major earthwork projects. Not for nothing are our single drum rollers, stabilizers and soil compactors regarded as the benchmark class in earthwork and road construction technology. Recyclers, stabilizers and soil

compactors round off our portfolio at a high-quality level. We develop solutions in consultation with our customers. With you. That's why we can offer you machines that do your job better. That's why we can tailor our services to your individual needs – and ensure the productivity of your machinery.

To achieve this, we have established a broad foundation: with more than 2,500 committed and resourceful employees worldwide. With experts and partners in over 120 countries. With our unconditional commitment to quality in product development and customer service. When can we convince you of the quality of our products?



THE CHALLENGES.

DEMANDING WORK DEMANDS GREAT TEAMWORK.



EMBANKMENTS, DAMS AND SETTLING TANKS.

Constructing holding basins and ring dams is a central task in gold and copper mining. Our stabilizers are perfectly suited to meeting the high demands of securing the dam layers. Their side-shifting rotors guarantee best results right up to the edge of the dam. Our single drum rollers with a double-pump system, in turn, can cope with gradients of over 60%, while the soil compactors ensure the right composition – by moving and compacting the material simultaneously.

MAIN TASKS:

- Compaction of embankments and dams
- Stabilisation of dam layers
- Distribution and pre-compaction





THE CHALLENGES.

ON THE RIGHT TRACK.



ROAD NETWORK CONSTRUCTION AND MAINTENANCE.

Mining requires a functioning infrastructure. However, the existing and constantly newly emerging access roads are exposed to the highest loads. Dump trucks can exert a load of up to 360 t on the substrate. If it is poorly prepared, this can lead to costly tyre damage and short stoppages. Our single drum rollers equipped with special drums crush, reduce, and compact the coarse material on site, ensuring the right substructure. Recyclers and stabilizers can further improve the surface, increase durability, and contribute significantly to reducing dust pollution.

MAIN TASKS:

- Rock crushing
- Compaction
- Stabilising and crushing
- Dust reduction





RENATURATION AND LANDSCAPING.

Mining leaves its mark. But it doesn't have to be permanent. During the renaturalisation of excavated areas, our soil compactors and single drum rollers can help you achieve excellent results when backfilling, distributing, pre-compacting and compacting soil. Thanks to the relevant documentation, the results can be recorded for the whole area.

MAIN TASKS:

- Backfilling
- Distribution and pre-compaction
- Compaction



SOLUTIONS IN EVERY SIZE.

OUR PRODUCT PORTFOLIO REFLECTS YOUR REQUIREMENTS.

STABILIZERS AND RECYCLERS
**RS 360, RS 460, RS 500,
RS 600 AND RS 650**





SINGLE DRUM ROLLERS
BW 211 TO BW 226,
BW 226 BVC, BW 226 RC AND BW 226 DI



SOIL COMPACTORS
BC 473 EB AND BC 772 EB

WELL THOUGHT-OUT IN EVERY DETAIL.

SINGLE DRUM ROLLERS.

INTELLIGENT COMPACTION WITH BOMAG VARIOCONTROL

- VARIOCONTROL expands the range of operation – from gentle compaction to high depth penetration
- Focused compression action for maximum compaction power

UNMATCHED STRENGTH

- Polygonal drum for maximum depth penetration
- Rock crushing drum for crushing and grinding stone on site





MEASURING AND DOCUMENTING

- TERRAMETER and ECONOMIZER show compaction progress in real time
- BCM05 in connection with GPS documents the compaction process

SAFE WORKPLACE

- Large cabin with excellent all-round visibility
- Maximum safety ensured by ROPS/FOPS structure

EASY SERVICING

- Maintenance-free articulated joint
- All maintenance points are easily accessible

ROBUST MOTORS

- Efficient at all altitudes
- Ready for operation at extreme temperatures, from -25 to +54 °C
- Fuel efficient through ECOMODE

TRACTION AND CLIMBING POWER

- Climbing ability of 60% and more thanks to double pump system
- No wheelspin thanks to an self locking differential

SPECIALISED FOR YOUR JOB.

STABILISERS AND RECYCLERS.

NIGHT VISION / BETTER OVERVIEW

- Daylight LED lighting
- 3 cameras as standard

EASY MAINTENANCE

- Generous space simplifies maintenance work
- Highly reliable thanks to central lubrication system

HIGHEST FLEXIBILITY

- FLEXMIX for the highest quality with optimised costs
- Three infinitely adjustable flaps for maximum mixing performance or highest quality

EXCELLENT TRACTION

- Large tyre dimensions for best traction on difficult terrain



GREATER SAFETY

- Large windows for best all-round visibility
- Height adjustable ROPS/FOPS cab

MAXIMUM RANGE

- Large fuel tanks enable long working days
- WIGGINS quick refuelling as an option for short stops

HIGH QUALITY AND SAFETY

- Runs forwards and backwards, no turning manoeuvre required
- Safe working conditions on embankments and slopes thanks to sliding milling rotor on both sides



TOO TOUGH FOR ANY WEAKNESSES.

THE SOIL COMPACTORS.

QUALITY RESULTS

- Optional “tilt blade” for optimal positioning and neat results

CLEAN WORK

- The scraper system ensures clean wheels and tools for optimum traction and compaction



PERMANENT AVAILABILITY

- The high air intake in combination with the reversible fan guarantees a low cleaning requirement

EASY MAINTENANCE

- The large maintenance doors and easily accessible platform enable short maintenance times

DURABILITY AND EFFICIENCY

- Special hard cast caps increase operating times and optimise operating costs

PERFECT TRACTION

- Thanks to the oscillating articulated joint, the machine adapts perfectly to terrain surfaces



Hard, harder, mining – the right tools are needed here.

OPERATING CONDITIONS.

THE HARDER THE CONDITIONS, THE BETTER.

Tough working conditions come as no surprise. We know what our machines and their operators have to contend with. Thanks to years of collaboration with mining customers and our wide-ranging expertise in dealing with large earthwork projects. That's why for example we also offer special protective ventilation systems for drivers, and filter systems for the technology. That's why our products are ready for anything:

- Working at extreme altitudes – over 2,800 metres above sea level
- Extreme temperatures from -25 to +54 °C
- Dusty and polluted areas
- Extreme gradients when compacting dams and embankments



The Kalgoorlie gold mine in western Australia.



Our machines build roads for heavyweights.



When it gets really dusty, filter systems protect people and technology.



No small thing: securing access roads.





Increased safety thanks to a clear overview.

SAFETY AS STANDARD.

WELCOME TO THE HEART OF SAFETY.

When it comes to safety, we make no compromises. Which is why we designed the driver's cab as a safety cell. With ROPS and FOPS, we integrated systems that protect the driver even in the event of a rollover or rockfall. The advice is: Stay in the cabin!

Better vision is also the best way to actively prevent accidents. Excellent all-round visibility in the cab is one of the most important design features of every BOMAG machine. Supplemented by a lighting system which makes night work possible without any increased risk. Up to three cameras come as standard in most cases.





Everything under control, because everything is within easy reach.



Designed for easy servicing.



MAINTENANCE MADE EASY.

BUILT FOR EXTRA FAST PIT STOPS.

If the working environment is anything but "easy", at least the maintenance of the machines should be designed in such a way that it can be carried out quickly and easily. And, ideally, not too often. This is what characterises all BOMAG machines:

- Large access points to the maintenance area
- Well thought-out filter positioning
- Simple exchange of wear parts
- Central lubrication (RS, EB)
- Durable components and long service intervals

PERMANENTLY READY FOR OPERATION.

100% COMMITMENT TO 100% READINESS.

We do all in our power to ensure your machines "pay for themselves". Technical options such as additional lighting make working at night safer and more comfortable. This enables you to work with multiple shifts. The optional rapid refuelling system shortens downtimes. You also have the opportunity to carry out a quick check every day. The engine and machine can be further protected with a variety of filters and sensors.

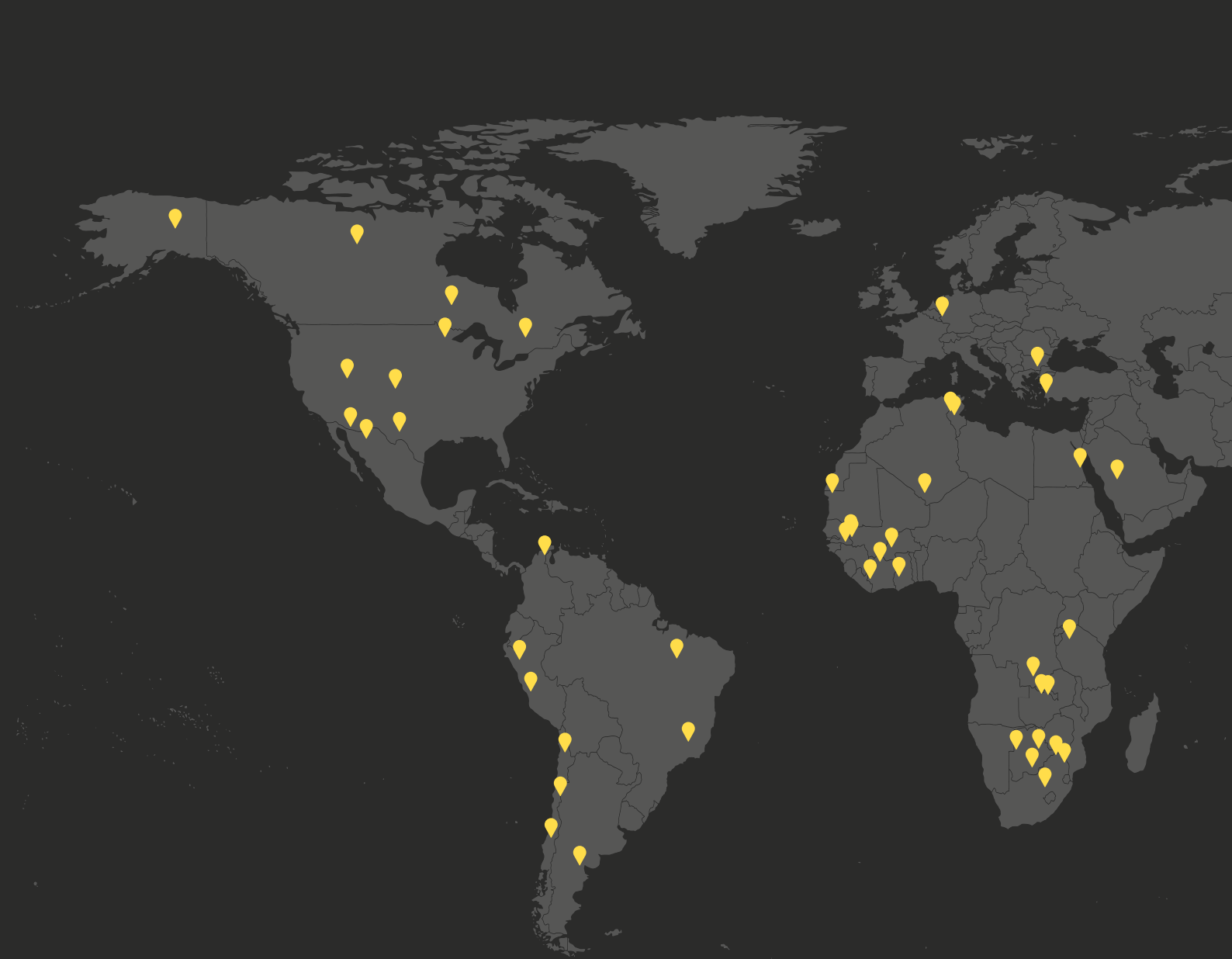
Beyond the technology, you can rely on high spare parts availability – and on committed, strong customer service that has one priority 24/7: that your machines keep running.



Highly trained and ready worldwide – our service employees.



Everything in one set: our Genuine Parts Kits.



IN OPERATION WORLDWIDE.

PRICELESS EXPERIENCE.

Whether dry and dusty, or humid and cold – our single drum rollers, recyclers and soil compactors are in action around the globe.

Extreme situations are sometimes the most valuable: they reveal the true character. Even in a machine. In the subtropical climate of Indonesia, our single drum rollers and recyclers prove their effectiveness day in, day out. In the remote altitudes of Chile and Peru, the single drum rollers in turn excel with their traction and gradeability when compacting drying dams. Germany, too, has some really

tough jobs on offer: Here is our heaviest single drum roller performing its task in open pit mining.

As the manufacturer, we are delighted by the successful deployments. And we learn from them. With every new generation you have an even better machine at your disposal.



MODEL OVERVIEW.

BUILT FOR MINING.

SINGLE DRUM ROLLERS				
Model type	Weight class	Compaction technology	Working width	Engine output
BW 211 D/PD	11 t	Circular exciter	2,130 mm	95 kW
BW 211 DH/PDH	11 t	Circular exciter	2,130 mm	95 kW
BW 212 D/PD	12 t	Circular exciter	2,130 mm	95 kW
BW 213 DH/PDH	13 t	Circular exciter	2,130 mm	103–115 kW
BW 213 BVC	13 t	BOMAG VARIOCONTROL	2,130 mm	103–115 kW
BW 216 D/DH/PDH	16 t	Circular exciter	2,130 mm	115 kW
BW 219 D/DH/PDH	19 t	Circular exciter	2,130 mm	150 kW
BW 219 BCV	19 t	BOMAG VARIOCONTROL	2,130 mm	150 kW
BW 226 DH-5	26 t	Circular exciter	2,130 mm	150 kW
BW 226 BVC	26 t	BOMAG VARIOCONTROL	2,130 mm	150 kW
BW 226 DI	26 t	Deep Impact	2,500 mm	150 kW
BW 226 RC	26 t	Rock crusher	2,500 mm	150 kW

STABILIZERS AND RECYCLERS				
Model type	Weight class	Working width	Working depth	Engine output
RS 360	18 t	2,005 mm	305 mm	260 kW
RS 460	24 t	2,440 mm	500 mm	340 kW
RS 500	25 t	2,250 mm	500 mm	375 kW
RS 600	28 t	2,400/2,600 mm	600 mm	440 kW
RS 650	28 t	2,400/2,600 mm	600 mm	480 kW

SOIL COMPACTOR				
Model type	Weight class	Compaction width	Blade width	Engine output
BC 473 EB-3	26 t	2,480 mm	3,600 mm	227 kW
BC 473 EB-5	26 t	2,480 mm	3,600 mm	210 kW
BC 772 EB-2	35 t	2,700 mm	3,800 mm	330 kW
BW 772 EB-4	36 t	2,700 mm	3,800 mm	340 kW

OPTIONAL EQUIPMENT.

SPECIAL EXTRAS FOR SPECIALISTS.



Long life drum made of highly wear-resistant steel.



Reversing monitoring.



Protective filling.



Polygon or rock crushing drum.



Smart dosing – shows the dosing system data on a tablet PC.



Compaction progress display.



Dozer blade.



LED lighting.

MINING PACKAGE SINGLE DRUM ROLLER



Compaction value display (E_{vib}).



Telematic: worldwide access to position and machine data.



Fire extinguisher in the cabin.



Rotary beacon.

ADVANTAGES AT A GLANCE.

ONLY THE RESULT COUNTS.

As a mining company, you rightly place the highest demands on your machinery. You expect robust, durable technology that is also easy to handle. That and intelligent service solutions that work even when your location is "at the other end of the world".

We share these expectations. And our machines deliver:

SINGLE DRUM ROLLERS

- High productivity through high-performance and intelligent compaction
- Long operating times thanks to robust, durable and proven technology
- Short downtimes thanks to easy maintenance



RECYCLERS / STABILIZERS

- High efficiency due to stepless adjustment of rotor speed
- Optimum mixing quality with maximum volume output thanks to BOMAG Flexmix
- Excellent all-round visibility for maximum safety



SOIL COMPACTOR

- Optimum integration of spreading and compaction work steps
- Consistent operation on a very wide range of materials
- Very good off-road mobility and excellent compaction results



THE BEST THING ABOUT SUCCESS IS THE PATH THERE.

As far as paths and road surfaces are concerned, we are the specialists. Millions of kilometres of roads bear our machines' signature.

We like to think of entrepreneurial success as a team sport. We listen carefully to our customers when they tell us about their

challenges. Then we develop our ideas from your perspective. This is how experience and ingenuity combine to create our innovative solutions. With which we accompany you on your path. Nothing drives us better than our customers' success. Team – works!





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