



THE NEW BENCHMARK FOR FLEXIBILITY.

THE NEW SOIL STABILIZER / RECYCLER
RS 460 AND RS 500.



MILLIONS OF MILES BEAR OUR SIGNATURE.

Every contractor engaged in building roads, designing landscapes, or undertaking other earthworks projects needs to be able to do one thing above all: compact. And to achieve the best results, we build the best machines. For nearly 60 years, BOMAG has helped write road construction and compaction technology history.

With our accumulated know-how, we set the pace for an entire industry with our soil stabilizers and recyclers. In the process, numerous new technologies increase the machine's application flexibility. This conserves resources and the environment, increases productivity, and guarantees faster construction processes.

We have specialists working around the world and partners in more than 120 countries to support you, from fitting out machines to solving the most demanding challenges.

We owe our power of innovation to more than 2,500 employees worldwide and their commitment. Expertise which has made us the world market leader in compaction. This is due to our unconditional commitment to quality: during product development and production, in training our employees, and in providing a level of service which guarantees only the best on site support.





THE RIGHT SOLUTION FOR EVERY CONSTRUCTION SITE.

If you choose BOMAG, you choose expertise, quality and efficiency. Whether compact or powerful, with 360 or 950 hp, our soil stabilizers and recyclers are the perfect solution for every job site. From car parks and roads, landfill and dyke construction, industrial sites, motorways, railways and airports – BOMAG recyclers are highly versatile. Our unique product range, which is the largest in the world, easily copes with the most varied areas of applica-

tion such as crushing asphalt, soil stabilization or cold recycling. An experienced international team of experts ensures that requirements are met by implementations suitable for job sites and continuously sets new trends.

Trust in our engineers' expertise and see for yourself how work is performed at the highest level, with the highest reliability.



RS 460



RS 500



MPH 122



MPH 364



MPH 600



RS 950 B

CONVINCING DETAILS: THE RS 500.

MAXIMUM SAFETY WITH EXCELLENT ALL-ROUND VISIBILITY

- ROPS / FOPS cabin comes as standard.
- Large glass areas for unmatched all-round view.

EASY MAINTENANCE

- Wide hood for simple maintenance.

EXCELLENT TRACTION

- Large-diameter tires for best traction in difficult terrain.

HIGHEST EFFICIENCY AND MAINTENANCE-FREE

- Hydraulic-mechanical rotor drive.





EASY TRANSPORT

- Height adjustable ROPS / FOPS cabin.

PERFECT MANOEUVRABILITY

- Articulated and rear axle steering.

MAXIMUM RANGE

- Generous fuel tank suffices even for long working days.

OPTIMAL MIXING RESULTS

- FLEXMIX for top quality with optimized costs.

HIGH QUALITY AND SAFETY

- The ability to offset the rotor on the RS 500 enables safe working on slopes and roadway edges.

IMPRESSIVE ENGINE POWER

- Four wheel motors with two drive pumps provide maximum propulsion.

RELIABLE FUNCTIONALITY

- BOMAG quick-change toolholder system BRS05



BOMAG ADVANTAGE:
LATERALLY ADJUSTABLE ROTOR (RS 500).

SAFETY IN ANY SITUATION.

For safe working on slopes, the mixing rotor can be laterally offset over the rim of the tire on either side. The drive wheels can stay on load-bearing ground.

For the first time, a machine is able to mix up to the embankment edge without serious risk. The good visibility over the outer edge of the rotor hood permits precise manoeuvring of the RS 500.



BOMAG ADVANTAGE:
FLEXMIX TECHNOLOGY (RS 500).

**FLEXIBILITY
IN PERFECTION.**



Unique to BOMAG: Three continuously variable flaps on the rotor hood. In addition to the usual configuration options on the market, BOMAG counts on an additional mixing and grinding flap in the rotor cover. Milling material as required strikes the mixing bar and is

crushed to the selected target size. Any desired result can be achieved easily and safely through the stepless adjustment of all three flaps. Whether maximum mixing performance or highest quality is required, BOMAG FLEXMIX technology always has the right setting.

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A cinch: The RS 460 and RS 500 fit perfectly on every low-loader trailer.



TOTAL COST OF OWNERSHIP (TCO).

STRONG, RELIABLE, ECONOMIC.

Our new soil stabilizers and recyclers are not only top in performance, but also in cost-cutting. There are many reasons for this.

ONE-DAY JOB SITES OR MAJOR PROJECTS.

The compact design and height adjustable ROPS / FOPS cabin of the new machines enable quick and simple transport from site to site. In tandem with their high efficiency, operating costs per cubic yard are reduced significantly.



Compact: Lowered cab in transport position.

EFFICIENT ROTOR DRIVE.

A pulverizing and mixing rotor driven by two planetary gears supplies maximum torque in every application. A continuously variable rotor speed reduces the tool and rotor wear to a minimum during the milling process. Due to the simple adjustment of the rotor speed to the appropriate work situation, the optimum mixing result is achieved with the least possible energy input. The rotor drive's automatic overload protection system ensures high machine up-time even in extreme cases. Thanks to the hydraulic shut-off, it doesn't even require any maintenance.



Variable: Continuously adjustable rotor speed.

THE MEASURE OF THINGS: THE ROTOR.

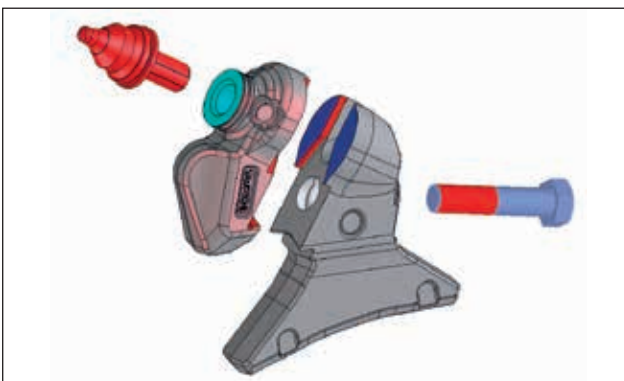
Low wear and tear, excellent accessibility and short switching times of wear components set new standards in up-time and productivity. The heavy dead weight of the rotor ensures maximum flywheel mass for demanding crushing tasks.



NEW STANDARD FOR TOOL HOLDERS.

Accept no compromises – that was the requirement when developing the new BOMAG quick-change tool-holder system BRS 05. Increased cost-effectiveness is also at the forefront here. The system, which was designed specifically for use on soil stabilizers and recyclers, ensures low costs and short switching times even under difficult site conditions. A positive connection of both elements guarantees safe operation even under extreme loads.

- Positive connection for safe operation
- Long tool life through the use of highly wear-resistant steel



REACHING YOUR GOAL SAFELY.

When changing tools, the operator's safety is at the forefront. All the machine functions are disabled by means of a tool-change switch. The operator can now turn the rotor in both directions. The rotor hood is also secured against unintended lowering. Work lights under the rotor hood ensure good visibility even at night. The compressed air system supplied as standard permits the use of pneumatic tools, greatly facilitating daily maintenance.

- Excellent accessibility for cutting tool and holder replacement
- Driver protection with service switch and hood fixing
- Two directions of rotation on the rotor for easy unwinding of cables and wires



THE OPERATING CONCEPT.

COMFORT AND SAFETY COME AS STANDARD.

Even the most sophisticated technology needn't be complicated to use. The RS 460 and RS 500 demonstrate this impressively.

ERGONOMIC IN ALL WORKING POSITIONS.

The machine's symmetrical design, with the rotor situated centrally in the frame in the direction of travel, makes working on the left and right mixing edge possible. This requires an ergonomic working position for the operator on both sides. The comfortable ROPS / FOPS cab design allows the workplace to be shifted within the cabin. The seat-turning capacity of 270° is ergonomically ideal and ensures healthy and fatigue-free operation even over long working days. Large, overhanging glass surfaces provide an optimum overview of the working environment and stay clean even in dusty environments.



EVERYTHING ALWAYS IN VIEW.

Particularly in critical situations it is important to have everything in view. Glass surfaces extending to the floor of the cabin provide an optimal view of the working edges and enable the machine to be manoeuvred safely. The flexible seat rotation and position assists this in the simplest way possible.





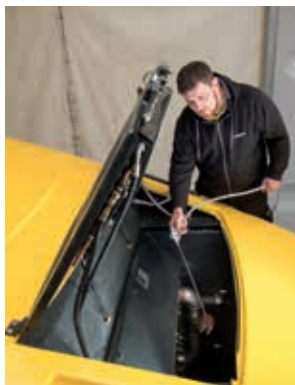
MAINTENANCE AND SERVICE.

EASY ACCESS, QUICKLY COMPLETED.

Anyone choosing a BOMAG opts for excellent quality. Also in maintenance and service.

Maintenance covers on the engine hood are easily accessible. Coolers, filters etc. can be reached easily. If required, the hood can be opened completely at the push of a button.

Large and easily accessible storage spaces facilitate the transport of wear parts. The accessibility from the ground makes safe access possible. Lubrication points are optimally supplied automatically by means of a central lubrication system (optional for RS 460).



OPTIONAL EQUIPMENT.

ADDED VALUE? WE HAVE IT.

BOMAG provides you with numerous options to equip your RS 460 and RS 500 specifically for the area of application on “your construction site”.

WATER INJECTION.

The fully automatic water injection takes care of the optimum water content in the soil. With the clear fully graphic display, the driver always has everything under control.



BITUMEN EMULSION INJECTION.

If bitumen emulsion and water are to be added in the process, two microprocessor-controlled precision pumps operating independently of each other ensure the perfect mix result.



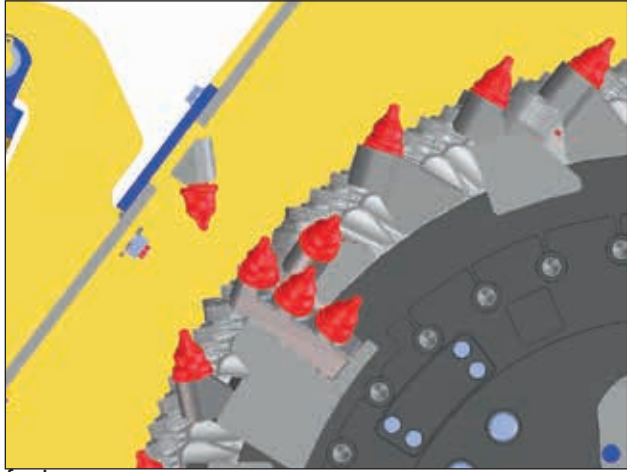
BITUMEN EMULSION FILTER.

If the water feature is used now and again for processing bitumen emulsion, a special filter can be installed before the pump.



CRUSHER BAR.

The crusher bar is equipped with cutting tools which improve material gradation within the rotor hood. The tools are arranged in the opposite direction of the material flow, which adds a further pulverisation effect.



fect.

BOMAG SMART DOSING.

Permanently records the working parameters as well as the dosing parameters. The data can be displayed, evaluated and printed on any mobile device without



special software.

HIGH-PRESSURE CLEANER.

When things get really dirty, a high-pressure cleaner helps. The large water reservoir is also sufficient for other machines on the site.



BOMAG KNOW-HOW.

THE CONTINUATION OF A TRADITION.

Over 40 years of experience in the development and production of soil stabilizers and recyclers benefits our customers. Because the close contact we maintain – especially on job sites – repeatedly results in suggestions and new ideas for innovations. As is the case with the new RS 460 and RS 500. Many previously unsolvable job-site operations, or ones that involved high-risks, are now child’s play with the new generation of BOMAG recyclers.





MODEL OVERVIEW.



RS 460



RS 500



MPH 122



MPH 364



MPH 600



RS 950 B

	Engine output [hp]	Working areas [in]	Weight [lb]
MPH 364 R-2	359	78.9	39,000
MPH 122-2	483	94.5	48,722
RS 446 D	415	96.0	56,400
RS 460	456	88.6	52,580
RS 500	510	88.6	56,196
MPH 600	590	94.5 / 102.4	61,509
RS 950 B	950	96.0	70,500



BOMAG
ROAD GROUP

RS500II

STRONG AND STABLE INTO THE FUTURE.

Decades of experience, know-how and quality standards have made us what we are today: the reference standard in compaction technology. Throughout the journey, we only ever had one thing in mind: our customers. And that is why we

will continue to deliver 100% performance to you in future. With targeted training, personal on-site support. And with ever more new ideas on our road to the future. Together with you – as a successful team.



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