TAKING EFFICIENCY AND PRODUCTIVITY TO ANOTHER LEVEL.

MPH 600.
MILLIONS OF KILOMETRES 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 over 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.
A UNIQUE CONCEPT. DEVELOPED OVER DECADES.

MAXIMUM SAFETY WITH OUTSTANDING ALL-ROUND VISIBILITY
- ROPS/FOPS cab as standard.
- Large windows.

EASY MAINTENANCE
- Wide opening engine hood.

EXCELLENT TRACTION
- All wheel drive for high traction on difficult terrain.
Hydraulic-mechanical rotor drive.

BOMAG BRS 05 quick-change holder system.

FLEXMIX for highest quality combined with optimised costs.

Height adjustable ROPS/FOPS cab.

HIGHEST EFFICIENCY AND MAINTENANCE FREE
- Hydraulic-mechanical rotor drive.

OUTSTANDING MIXING RESULTS

DEPENDABILITY
- BOMAG BRS 05 quick-change holder system.

HIGHEST EFFICIENCY AND MAINTENANCE FREE

OUTSTANDING MIXING RESULTS

DEPENDABILITY

SIMPLE TRANSPORTATION
- Height adjustable ROPS/FOPS cab.
The main factors affecting the profitability of soil stabilization or cold recycling are machine utilisation and daily outputs, combined with low operating costs. Based on over 40 years experience, BOMAG has set new standards in the development and manufacture of soil stabilizers. The BOMAG MPH 600 stabilizer/recycler guarantees consistently high quality on all applications around the world—giving the assurance of long-term profitability.

THE MPH 600.

The specialist choice for demanding jobs: the MPH 600 with FLEXMIX technology.
BOMAG equipment is found on construction sites around the globe, allowing continuous product development in close collaboration with customers. A partnership which generates impressive solutions:

- **Efficiency**: the lowest operating costs/m³ in its class
- **Power**: enhanced rotor for high daily outputs
- **Flexibility**: For multiple applications, using BOMAG FLEXMIX TECHNOLOGY
- **Safety**: The ROPS-FOPS cab is standard equipment
- **Intelligence**: fully automated process monitoring
- **Ergonomy**: rotating and sliding work platform
- **Ecological**: low emission diesel engines
- **Reliability**: The BOMAG quality standard
- **Low wear**: 11-setting rotor speed control for the best results with minimum wear
- **Avoids downtime**: rotor drive with hydraulic overload protection system

YOUR NEEDS ARE OUR INCENTIVE TO INNOVATE.
The unique design of the MPH 600 stabilizer/recycler with articulated and rear axle steering gives excellent handling even under extreme conditions. The powerful all wheel drive with four, same-size wheels ensures excellent forward drive, even on deep, heavy soils.

However, what use is output power without ground contact? This machine’s high stability is enhanced by the oscillating rear axle. Ground contact is guaranteed at all times. If the ground should lose load-bearing capacity, the MPH 600 will work itself free by actuating the articulated steering. The machine’s low centre of gravity provides stable driving conditions even in critical driving situations.

- Permanent ground contact via the oscillating axle
- Safe work with a low centre of gravity
- Powerful all wheel drive for continuous forward drive
- Articulated steering for critical driving situations

A unique steering concept gives the MPH 600 stabilizer/recycler a turning radius not matched in its class. With excellent all-round visibility, the operator can turn the machine about quickly and safely in even the most confined conditions or on embankments.

With the rotor centrally positioned in the direction of travel, the MPH 600 works both the left and right hand side of the milling edge with total reliability. The time saved can then be used for added milling output.

- Small turning radius for high manoeuvrability
- Work on left and right hand side milling edge
- Extra daily output by reducing turning times and reverse manoeuvres
THE ROTOR DRIVE EFFICIENCY.

Sophisticated technology, fine-tuned over many years, shows its power in every day operation on site. The focus is always on economy.

A milling rotor driven by two planetary gear units provides maximum traction on every application. In milling mode, the rotor speed has 11 settings which means tool and rotor wear is kept to a minimum. The ability to adjust the rotor speed to the current work situation, means the best mixing result can be achieved with the lowest fuel consumption. The rotor drive automatic overload protection system prevents downtime even on those very tough jobs. And the hydraulic shutdown is maintenance-free.

The advantages are clearcut:
- Adjustable rotor speed for low wear
- High availability thanks to the wear-resistant overload protection system

There are 11 rotor speed settings to reduce wear.

Low rotor speed means less wear.
Low wear, excellent accessibility and quick changing times for wear parts have set new standards for availability and productivity. The rotor’s heavy weight provides maximum centrifugal mass for difficult pulverising work. During a tool change, operator safety comes first. All machine functions can be deactivated by a tool change switch. The operator is then able to turn the rotor in both directions. In this case, the rotor hood is also secured to prevent lowering.

- Great centrifugal mass for maximum pulverisation performance
- Excellent access for changing holders and milling cutters
- Service switch and hood fixing device ensure operator safety
- Two directions of rotation of the rotor enable easy unwinding of lines, cables and wires

A NEW STANDARD FOR TOOL HOLDERS.
No compromise – the standard set in the development of the new BOMAG BRS 05 quick-change holder system. Increased economy plays a leading role here. The system specially designed for use on soil stabilizers and recyclers ensures low costs and quick changing times, even on difficult construction sites. The positive connection of both elements guarantees safe operation even under great loads.

- Contamination-resistant design for easy handling
- Positive connection for safe operation
- Long service life with highly wear-resistant steel

AT THE CUTTING EDGE: THE ROTOR.

Rotor with removable edge segments.

Excellent access to the edge zone.

BOMAG BRS 05 quick-change holder system.

BOMAG BRS 05 quick-change holder system – expertise working to your advantage.
Unique to BOMAG – three infinitely adjustable gates on the rotor hood. In addition to conventional setting options, BOMAG has improved the system with an additional mixing and crushing gate. This acts as a crushing bar in the rotor hood. If required, the milled material is crushed to the target size by the mixing bar.

This infinitely variable adjustment of all three gates means that any specified result can be achieved easily and safely. For maximum mixing output or top quality, BOMAG FLEXMIX technology always has the right setting option.

- High flexibility for maximum machine capacity
- Perfect mixing results with BOMAG FLEXMIX technology

The MPH 600 stabilizer/recycler has set new standards with its high flexibility on various applications producing maximum daily output and top quality results.
COMFORT IN CAPITALS!

ERGONOMIC WORKING POSITION ON BOTH SIDES.
The rotor is centrally positioned in the direction of travel for work on both the left and right hand side of the milling edge. Clearly, this requires an ergonomic working position for the operator on both sides. The unique ROPS-FOPS cab allows the workplace to be repositioned within the cab. All control and operating elements are moved to the best position.

And large glazed areas allow a perfect all-round view of the area of work.

- Ergonomic sitting position with the rotating and sliding workplace
- Perfect all-round view for ultimate safety
- Maximum productivity by working both sides of the milling edge

The workplace can be shifted from left...

... to right without effort.
MACHINE TRANSPORT MADE EASY – WITH THE HEIGHT ADJUSTABLE CAB.

In addition to the excellent all-round view, the height adjustable ROPS-FOPS cab also gives a low transportation height. A switch in the cab can be used to lower the unit to transportation height in no time at all. Moving the machine and transportation on public roads becomes easy. Special permits or expensive low-loaders can be dispensed with. To save time and money.

- Easy transportation with the height adjustable ROPS-FOPS cab

It could not be easier – transportation with a lowered cab.
The fully automated water injection system integrated into machine control supplies the exact water quantity to every area of the mix.

A high precision flow measuring system provides maximum accuracy. To prevent excess water addition on overlapping milled tracks, spray widths can be individually set on the metering computer. The system is fitted with an automatic nozzle cleaning system to prevent blockages.

- High availability of nozzles with self-cleaning feature
- Ultimate precision with the flow meter and metering computer
- Flexibility with the variable spray width feature
Cold recycling is a high potential and economic construction method of the future. Smart technology opens a new world of possibilities. BOMAG has developed a fully automated bitumen injection system. Can be used to process bitumen emulsion and foamed hot bitumen. The crucial factor in mix-in-place recycling is the mix quality. This smart bitumen additive system offers new levels of quality.

Permanent process monitoring relieves the operator of this work, and simultaneously guarantees the highest quality. The automatic spray bar diagnostics cleans the nozzles, as required, ensuring maximum availability of the system. The external test nozzle can also be used to monitor quality during work. Highly effective thermal oil heating reduces unproductive heating times and ensures safe operation.

- High availability thanks to spray bar diagnostics
- Greater productivity as a result of thermal oil heating
- High quality due to permanent process monitoring

BOMAG mix-in-place – for superior quality.
THE METERING COMPUTER.

AT THE HEART OF PERFECT METERING.
The central metering computer for all injection systems features a visual display and is extremely easy to operate. The operator can monitor the entire process in any work situation. The process is permanently monitored and recorded in the background. The information used for quality assurance can be printed out using the printer option.

- Visual display for easy operation and a good overview
- Spray bar diagnostics for high availability
- Documentation for quality assurance via printer

Print out of information for quality assurance.

Fully automated spray bar diagnostics.

Site data is documented.

The operator has the system safely in sight via the display panel.
Ease of maintenance is high on the list of priorities when using dusty binders. The BOMAG MPH 600 stabilizer/recycler makes the operator's life easier in the process.

The central lubrication system which is supplied as standard ensures all components run like clockwork. Special radiators ensure low dust adhesion. Large volume radiators with ample cooling reserves also provide adequate capacity for difficult conditions. Cleaning the radiator is made significantly easier by avoiding “sandwich radiators” and using compressed air in situ supplied by the standard equipment compressor. This ensures high availability and the lowest wear.

- Large-scale radiator for consistent cooling capacity
- Excellent accessibility for effective cleaning
- Central lubrication system for high availability and low wear
Years of experience pay off – for all our customers. BOMAG has been a legend on construction sites around the world for over 50 years.

Customer contact and constant communication on global construction sites has produced solutions and the inspiration for future innovations. However, innovation is not an end in itself; it should always offer a tangible benefit, in terms of convenience, ease of use, quality of work, reliability and of course economy and productivity.

The MPH 600 stabilizer/recycler is one of the many examples of BOMAG machines and technologies that have been consistently improved. For around 40 years, BOMAG has been setting the standard for the development and manufacture of soil stabilizers. Wherever used, the MPH 600’s unique concept and design always impresses.

The right combination is the difference.
Soil stabilisation has established itself as a standard method in many countries in recent years. However, applications vary greatly depending on the country. The MPH 600 stabilizer/recycler meets all global requirements and offers the lowest operating costs in its class.

... AND MEETS THE HIGH SPECIFICATION DEMANDS OF RECYCLING.
In cold recycling, specifications are normally high. On recycling projects, the MPH 600 has proved its unique flexibility and productivity on construction sites around the world. The MPH 600 is today the established partner of choice to meet the most exacting standards.
As the global specialist in earthworks and road construction, BOMAG offers the same level of support whatever the application. In training machine operators, consulting on projects during the planning phase, or at the construction site, our experience and wide expertise in applicational solutions provide the basis for your success.

On request, our specialists provide on-site support.
YOUR MACHINE IS ONLY A MOUSE CLICK AWAY.
How BOMAG supports its customers in the back office.
BOMAG TELEMATIC provides key machine data at any time – e.g. operating hours and machine output – regardless of machine location.

BOMAG TELEMATIC will monitor and manage an entire fleet. The customer knows at all times where machines are, how they are being used and when the next service is due. Alarms are automatically generated; for example, when a machine leaves a defined site area at an unscheduled time.

BOMAG TELEMATIC allows fuel costs to be allocated in detail and servicing work to be planned and documented. And all recorded data can be tracked.

- **Maintenance schedule:** An entire fleet at a glance. All services are centrally documented.
- **Complete fuel monitoring:** BOMAG TELEMATIC provides precise information about actual fuel consumption
- **Flexible:** BOMAG TELEMATIC is the solution for the entire fleet: machines from other manufacturers can be easily included.

Knowing where machines are at any moment – not a problem.

Fuel costs can also be allocated in detail.
BOMAG SERVICE – ALWAYS AT YOUR SIDE.

The best way to ensure constant availability and reliability of machines is regular servicing and maintenance, as well as good parts service. High availability of spare parts, quick service, fast delivery and good accessibility are the norm for BOMAG.

BOMAG GENUINE PARTS SAVE TIME AND MONEY.
BOMAG Genuine Parts Kits and Service Kits and BOMAG Genuine Parts ensure easy, preventive maintenance. Easy to order for optimum long-term machine availability. And remember, these kits help save time and money.

Service kit for the MPH 600 stabilizer/recycler – all important parts at your fingertips.
BOMAG MPH 600 – FUTURE-LED TECHNOLOGY.

REDUCING ENVIRONMENTAL POLLUTION BY TREATING MATERIAL ON SITE.
Using an environment and resource-friendly construction method is an investment to help protect the natural world. As a resource-friendly process, mix-in-place recycling has developed into a future-led technology over the years. BOMAG has long been setting standards with innovative ideas based on decades of research.

We are committed to environmental protection. Our aim is to help protect the environment and conserve decreasing material resources for future generations:

- Sustainability
- Recycling
- Low emissions
- Alternative energies

Users across the world trust the BOMAG name.

The company has been part of the FAYAT Group since 2005. BOMAG has six branches in Germany, twelve independent subsidiary companies and four production units across the globe. More than 500 dealers in over 120 countries provide global distribution and service for BOMAG products.
MODEL OVERVIEW.

Sophisticated and reliable.

Unrivalled utilisation.

Unbeatable economy and productivity.

RS 950 – high power and output.
<table>
<thead>
<tr>
<th>Model types</th>
<th>Working width [mm]</th>
<th>Operating weight (CECE) [t]**</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPH 122-2</td>
<td>2,400</td>
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<tr>
<td>MPH 600</td>
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<td>MPH 364 R-2*</td>
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<td>RS 446*</td>
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<td>RS 460*</td>
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<tr>
<td>RS 500</td>
<td>2,250</td>
<td>25.0</td>
</tr>
<tr>
<td>RS 950*</td>
<td>2,438</td>
<td>32.0</td>
</tr>
</tbody>
</table>

*) no CE conformity.

**) Approx. operating weights for cab with basic fittings. The actual weight depends on equipment and accessories. Subject to technical modifications. Machines may be shown with optional accessories.
PERFECTION IS NO ACCIDENT.

All our know-how is invested in every BOMAG recycler. In every fine detail. Now add your own experience and know-how. The result: a winning partnership. Every time.