



# Stabilizer/Recycler MPH 125

**Ergonomic roomy cab**  
with heating, ventilation and optional  
air conditioning.

**Operation from both machine sides  
ensures excellent all-around vision:**  
The driver's seat slides sideways and is  
slewwable.

**Comfortable and safe operation**  
in dust with pressurized  
ventilation and filtered fresh air.

High **operator comfort** with clearly  
arranged display and controls.

**Simple transportation**  
with height adjustable operator's station.

**High operational safety**  
with operator's station with ROPS/FOPS.

**High power, low fuel con-  
sumption and long operating  
life** – the benefits of the water-  
cooled diesel engine.

**Excellent access** to all service and  
maintenance points.

**Efficient use of components - even  
under extreme conditions,**  
with heavy duty wheel motors with high  
drive torques and integrated oil bath  
multi-disc brakes.

**Small turning radius and  
stable travel behaviour**  
with robust articulated steering.

## MPH 125

For demanding soil treatment and recycling applications all over the world BOMAG has developed the MPH 125.

Cooperation with contractors around world and years of BOMAG experience in this field has allowed BOMAG engineers to develop

the highest power, reliability and efficiency in the MPH125.

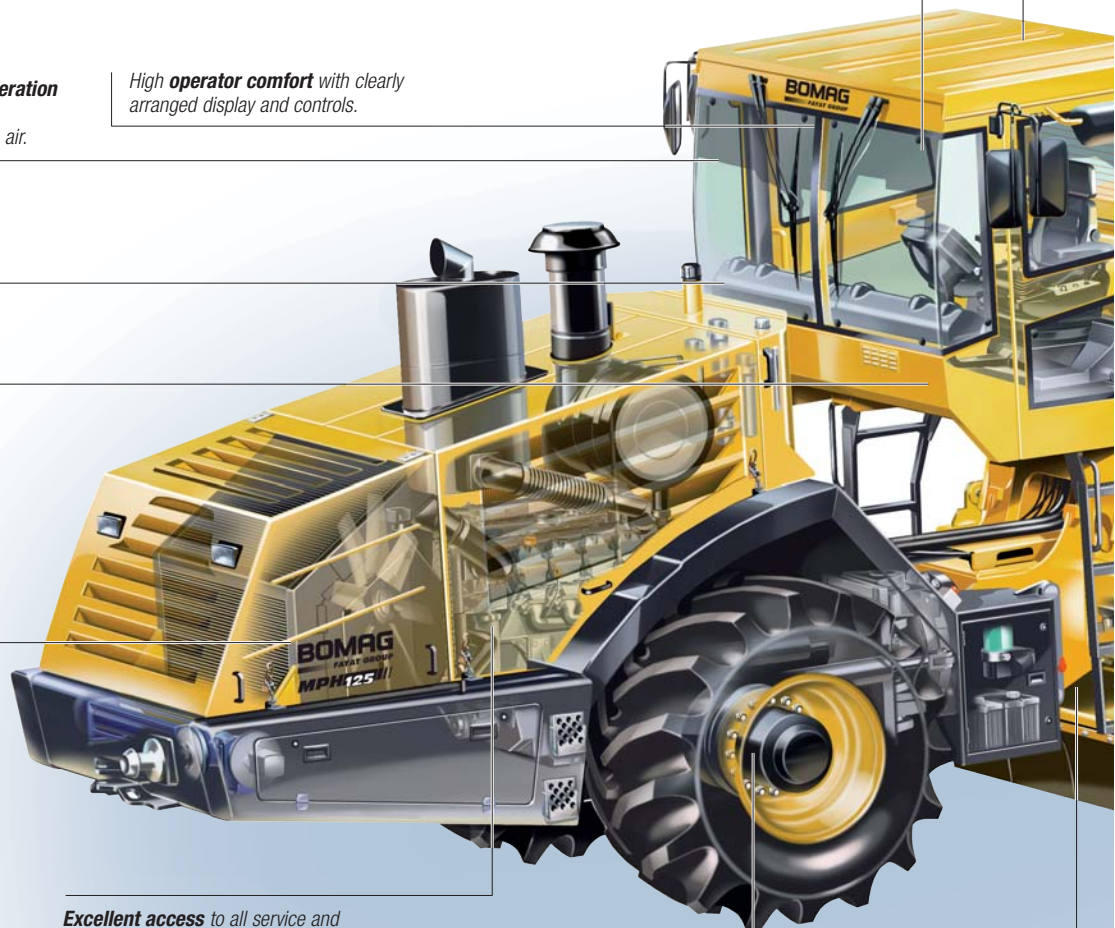
## Application

The BOMAG MPH 125 is the efficient solution when it comes to admixing lime, fly ash or cement for soil stabilization. When used as recycler the MPH 125 excels on a varie-

ty of recycling uses to cut and pulverize old, damaged surfaces and road pavements.

## Designed to Out-Perform

Many design features distinguish the MPH 125 from the other machines. Optimum vision over the entire work area and excellent manoeuvra-





+/- 5° cross-slope rotor or rear frame **for shaping profile or correcting irregularities.**

**Ample fuel - even on long shifts,** with the large fuel tank.

**Compressor:**

For cleaning and connection to pneumatic hammer for fast tooth replacement.

**High mobility:**

Rear wheel steering plus articulated frame for high performance on confined sites.

**Easy and safe change of tips:**

Slow turn of rotor to any desired position possible with push button actuation.

**Easily change teeth:**

fast replacement with "knock out - knock in" design and **optional replacement, adapter system.**

**Increased service** life with separate replaceable bolt-on edge segments.

**Higher efficiency and less maintenance** with integrated hydrostatic direct drives in the rotor.

**High flexibility of use:** maximum adjustment of rotor at speed under load.

**Milling close up to edges on both sides** with specially designed rotor hood.

bility due to the combination of articulated and rear axle steering, together with powerful rotor and travel drives, ensure consistently good mixing results and superior efficiency. The universally usable rotor with rotor speeds that can be freely selected under load, can be matched to the requirements of any construction task.

The variable mixing compartment of the rotor will automatically adapt to any cutting depth, irrespective of the soils and materials the MPH 125 is working on. Binder and soil are thus processed to a uniform mix, with lowest wear and optimized power consumption.

**Optional equipment for extended flexibility**

A wide range of optional equipment extends the range of application of the MPH 125. Optional rotor variants, e.g. with replacement adapter systems and purpose-built dosing systems for water, bitumen emulsion or foam bitumen make this machine even more efficient.



## Designed for the application

### Simple no-fuss machine transport

Simple and quick machine transport is now possible with the improved design and new cab platform.

- Height adjustable operator's station or lifting cab, positioned on the rear frame.
- In the transport position the height of the machine is reduced to a minimum.
- This reduces the need for special permits or special low loaders.

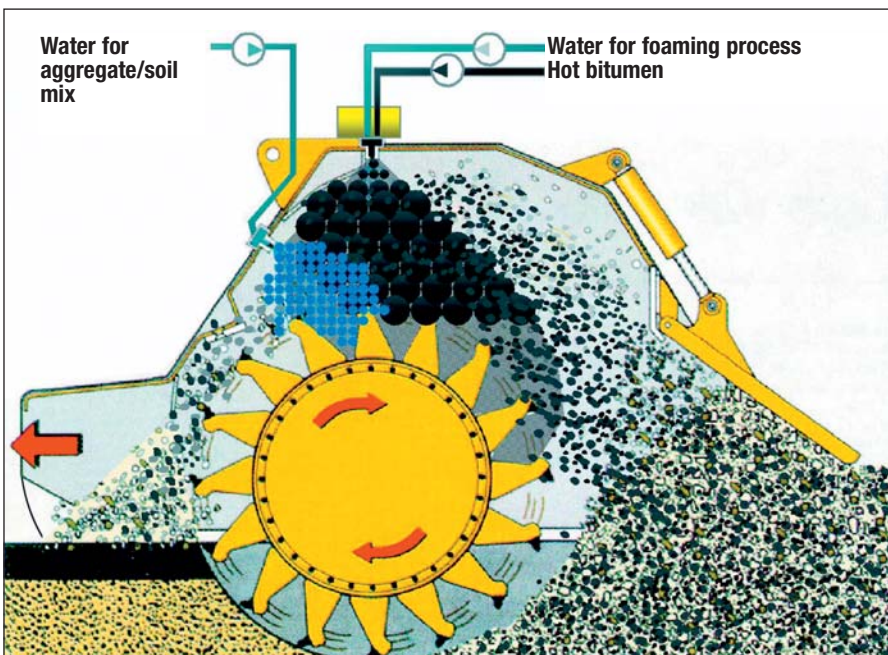
### High reliability

- As drive source BOMAG uses a powerful water-cooled turbocharged diesel engine of latest design, which of course meets current legal requirements.
- Powerful hydraulic pumps and motors ensure optimum performance, even under extreme load conditions.
- Torsion resistant frame and robust heavy duty wheel drives mean for high reliability.

### No compromises when it comes to safety

The design principle of the MPH 125 ensures highest operating safety in all applications.

- High tipping resistance due to the low gravity centre of the machine.
- Integrated Roll Over Protection Structure (ROPS) and Fall On Protection Structure (FOPS) are optionally available.
- Hydrostatic rotor drive with integrated overload protection.
- Hose breakage protection for high operating safety.
- Increased safety with automatic rotor shut-down when lifting the rotor out of the soil.
- Safety shut-down when changing the rotor teeth.
- Automatic operation of brake after shutting down the engine and in case of emergency stop.



The design of the universal MPH rotor ensures excellent pulverization and mixing of material (injection of water and foam bitumen optionally available).



Simple transport of machine with height adjustable operator's station.



Excellent view over the entire working area and treated material.



Matching of rotor speed under load ensures optimal mixing quality.



Recycling applications, with optional injection of bitumen emulsion or foam bitumen.



## Outstanding performance and versatility



Optimum all-around vision.



Operator's station and cab with integrated ROPS/FOPS.



Milling close to the edge is possible on either side.



Universal rotor with individually replaceable segments.

### Simple operation from both sides of the machine and optimal visibility

The location of the operator's platform gives the driver excellent overall vision to his working area. The ergonomically designed and spacious cab ensures fatigue free work with driving and operating comfort.

- A lateral sliding and slewing work station combined with large-area glass panes creates a maximum field of vision, which is unsurpassed by other machines.
- Comfortable seating position with spacious leg room.
- Ergonomic display and controls on the seat unit.
- Simple operation with clear identification of functions.
- Driver comfort with fresh air filtration in dusty conditions.
- Optimum cab temperatures with heater and air conditioning combination.

### Productivity and profit

Maximum productivity on site comes from high reliability and performance under the most arduous conditions.

BOMAG meets this goal through the undisputed quality of all components used and the intelligent design of the machine.

- Flexibility for stabilizing and recycling work using the universal rotor.
- Optimum efficiency with lowest wear and maintenance with the use of direct hydrostatic motors integrated in the rotor.
- High flexibility with variable rotor speeds.
- Optimized distribution of axle loads in connection with high drive torques to the wheels.
- Ample traction power for pushing tankers – even under severe soil conditions – with all wheel drive and electronic slippage control.
- Maximum working power due to automatic power regulation with integrated overload protection.
- Excellent manoeuvrability with compact design features and the combination of articulated and rear wheel steering.

- +/- 5° rotor cross-slope for shaping profiles or irregularities.
- Milling close up to both sides with specially designed rotor hood side plates.
- Simple and efficient tooth, holder and bolted edge segment change on site.
- BOMAG global product support ensures high machine availability.

### Service friendliness

Service and maintenance have a great effect on the availability and running costs of the machine. The design and the service concept of the BOMAG Stabilizer/Recycler reduces the time needed for maintenance work.

- Near-maintenance free hydrostatic drive system.
- Quick and easy access to all service and maintenance points.
- Hydraulic components and diesel engine can be easily reached through large service doors.



Simple operation combined with a high level of comfort.

## MPH 125 – the concept that is setting the pace

- Long service intervals, e.g. hydraulic oil change only every 2000 operating hours or every 2 years.
- Automatic lubrication of all bearings on the machine by a central lubrication system.
- Easily accessible filters and batteries as well as lockable doors to protect against vandalism.
- Reduced load on electronic components due to 24 V electrics.
- Electronic safety system for comprehensive monitoring of machine operation.
- Easy access to the rotor via high rising rotor hood.
- Easier and safer to check and replace teeth with the hydraulic rotor turning feature.



Fast and safe rotor maintenance.

- Standard compressor system for cleaning and connection to a pneumatic tooth hammer.
- Bolt on rotor edge segments for easy and quick change when worn.

### A sound investment

BOMAG technology uses decades of experience on sites across the globe.












The high resale value says it all: BOMAG is the best investment.



Easy access to all components.



### Your benefits at a glance:

-  **High work** adaptability with variable rotor speed.
-  **Uniform mixing quality** with variable mixing chamber.
-  **Optimum visibility** over work area.
-  **Operation on both sides.**
-  **High manoeuvrability** with articulated and rear axle steering.
-  **Highest traction** performance with all-wheel drive with high torques.
-  **Maximum productivity** with automatic power apportionment.
-  **Simple transportation** with height adjustable operator's station.
-  **Integrated ROPS/FOPS** as standard.
-  **Low running costs** due to efficient hydraulic and drive systems.
-  **Excellent access** to maintenance points and components.

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

- **Head Office/Hauptsitz:**  
BOMAG, Hellenwald, 56154 Boppard, GERMANY.  
Tel.: +49 6742 100-0, Fax: +49 6742 3030, e-mail: info@bomag.com, www.bomag.com
- **BOMAG Maschinenhandels-gesellschaft m.b.H.**, Porschestraße 9, 1230 Wien, AUSTRIA,  
Tel.: +43 1 69040-0, Fax: +43 1 69040-20, e-mail: austria@bomag.com
- **BOMAG (CANADA), INC.**, 3455 Semenyk Court, Mississauga, Ontario L5C 4P9, CANADA,  
Tel.: +1 905 361 9961, Fax: +1 905 361 9962, e-mail: canada@bomag.com
- **BOMAG (CHINA) Compaction Machinery Co. Ltd.**, No. 2808 West Huancheng Road,  
Shanghai Comprehensive Industrial Zone (Fengxian), Shanghai 201401, CHINA,  
Tel.: +86 21 33655566, Fax: +86 21 33655508, e-mail: china@bomag.com
- **BOMAG Equipment Hong Kong LTD.**, Room 1003, 10/F Chan Centre 700, Castle Peak Road,  
Kowloon, HONG KONG, Tel.: +852 2721 8303, Fax: +852 2721 3212, e-mail: bomaghk@bomag.com
- **BOMAG FRANCE S.A.S.**, 2, avenue du Général de Gaulle, 91170 Viry-Châtillon, FRANCE,  
Tel.: +33 1 69578600, Fax: +33 1 69962660, e-mail: france@bomag.com
- **BOMAG (GREAT BRITAIN), LTD.**, Sheldon Way, Larkfield, Aylesford, Kent ME20 6SE, GREAT BRITAIN,  
Tel.: +44 1622 716611, Fax: +44 1622 718385, e-mail: gb@bomag.com
- **BOMAG Italia Srl.**, Z.I. Via Mella 6, 25015 Desenzano del Garda (BS), ITALY,  
Tel.: +39 030 9127263, Fax: +39 030 9127278, e-mail: italy@bomag.com
- **FAYAT BOMAG Polska Sp. z o.o.**, Ul. Szyszkowa 52, 02-285 Warszawa, POLAND,  
Tel.: +48 22 492 0400, Fax: +48 22 492 04 01, e-mail: poland@bomag.com
- **FAYAT BOMAG RUS OOO**, 141400, RF, Moscow region, Khimki, Krayazma block, h. 1-g, RUSSIA,  
Tel.: +7 (495) 287 92 90, Fax: +7 (495) 287 92 91, e-mail: russia@bomag.com
- **BOMAG GmbH**, 300 Beach Road, The Concourse, #18-06, Singapore 199555, SINGAPORE,  
Tel.: +65 294 1277, Fax: +65 294 1377, e-mail: singapore@bomag.com
- **BOMAG Americas, Inc.**, 2000 Kentville Road, Kewanee, Illinois 61443, U.S.A.,  
Tel.: +1 309 8533571, Fax: +1 309 8520350, e-mail: usa@bomag.com

**BOMAG**  
FAYAT GROUP