



INTELLIGENT. EFFICIENT. SOIL COMPACTION AT IT'S BEST.

THE BOMAG BC 473 EB.



MILLIONS OF KILOMETRES BEAR OUR SIGNATURE.

Every contractor who wants to carry out large earthwork projects or wants to manage landfill sites, needs to be able to do one thing above all: compact. And to help you achieve the best results, we build the best machines. For over 60 years, our company's history has also been part of compaction technology history. BOMAG soil- and refuse compactors are the perfect machines for every task.

With our cumulative expertise we drive innovation and set the pace of an entire industry, also in the field of soil- and refuse compaction. At the same time we have developed many new technologies and focus on cost-effectiveness: With the unique polygonal disc wheels of the refuse compactors, which enable optimum crush-

ing, and the special BOMAG compaction concept with scrapers and toothed wheels, the soil- and refuse compactors are suitable for any situation. Our specialists working around the world and our partners in more than 120 countries are on hand to support you, from the fitting out of machines to solving the most demanding challenges.

We owe our power of innovation to more than 2,500 committed employees worldwide. This expertise has made us the world market leader in compaction. Driven by 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.





EXHAUST LEVEL 3A / TIER 3

BC 473 EB-3.



TCD 2015 V8.



- The powerful 6-cylinder turbo diesel engine handles peak workloads with ease
- Intercooler
- Compact, simple layout
- Easy servicing
- Simple exhaust system without catalytic converter or DPF
- Robust engine technology for lasting performance
- Global distribution and service
- High tolerance for variable fuel quality
- Modern injection system
- Temperature governed cooling system with speed regulated and reversible fan for highest efficiency and long maintenance intervals
- No additional operating materials



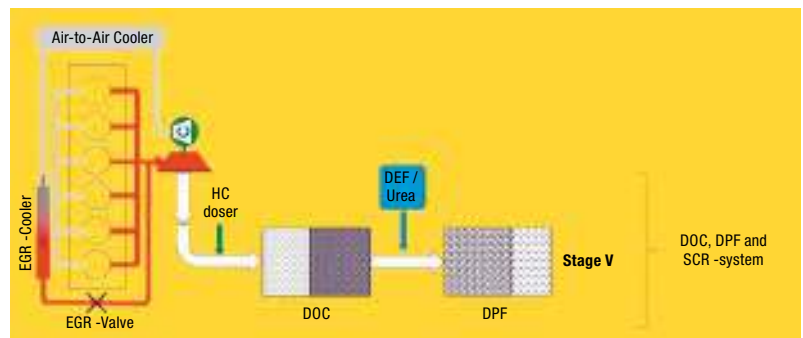
EXHAUST LEVEL 5/4 FINAL

BC 473 EB-5.

- This well designed and powerful turbo diesel engine uses newest technology to provide power for all site situations, with low fuel consumption rates
- Intercooler
- High pressure direct fuel injection
- Top actual technic in well known quality
- Global distribution and service
- 10 % less fuel consumption
- Lower operation costs
- Low vibration 6-cylinder in line engine
- Temperature governed cooling system with speed regulated and reversible fan for highest efficiency and long maintenance intervals



Well known, means facturer.



Exhaust after-treatment system.

DRIVE TRAIN.

- The matching drive train for each weight
 - BC 473 Twin-Pump-Drive
- Efficient high pressure drive train
- Less components for high efficient systems
- Load limit control



Twin-Pump-Drive (BC 473).



A QUESTION OF EFFICIENCY.

SOIL COMPACTION IS A MATTER FOR BOMAG PROFESSIONALS.

BOMAG has been designing, developing and constructing compaction machines for almost 60 years. Our engineers do all they can to make each new generation of machines even better, more economical and more productive than their predecessors. In doing so, they have only one goal in mind: Every BOMAG must make our customers' work more efficient, more comfortable and more professional. Our close contact to you, our customers, helps us find solutions that result in real productivity gains, and make it possible

for you to perform your wide-ranging tasks perfectly and productively.



With the new generation of soil compactors, BOMAG has created real all-rounders that set new standards in soil compaction. Thanks to our experts' precision development, the machines can be used on virtually any material. With highly efficient engines, an intelligent cooling system and a durable emission aftertreatment system, we create the basis for your commercial success. You can trust in our expertise and innovations, because we are at the forefront of cutting-edge developments and always happy to listen to your wishes. This is how we can help you move forward and pave your way to success.

PLENTY OF GOOD REASONS FOR A BOMAG.

CLEAN RESULTS.

- The scraper system guarantees clean wheel tools and constant compaction and traction efficiency.

QUALITY OF RESULTS.

- The tilt blade ensures optimal positioning and clean operation.





HIGH AVAILABILITY.

- The high air intake in tandem with reverse ventilation means cleaning is kept to a minimum.

EASY MAINTENANCE.

- The one-piece hood and easily accessible platform guarantee short servicing times. Daily checks take no longer than one minute.

PERFECT TRACTION.

- Thanks to the oscillating articulated joint, the machine adapts perfectly to every surface.

DURABILITY AND EFFICIENCY.

- Special chill cast wheel teeth increase service life and reduce operating costs.

THERE ARE MANY GOOD REASONS TO CHOOSE THE BC 473.

BOMAG soil compactors are already extensively equipped as standard for their versatile and challenging task. In addition, we also offer perfectly matched optional equipment for all ranges and modules that further facilitate your work, and ensure the proverbial BOMAG reliability. Ask your BOMAG dealer. He or she will be happy to advise you.



INTELLIGENT COMBINATION OF WORK STEPS.

BOMAG soil compactors combine two tasks that are usually performed separately in earthworks: spreading and compacting. BOMAG combines these tasks in just one machine with one operator. Communication misunderstandings and quality shortcomings are a thing of the past. Wherever material is distributed, it is also consequently compacted, resulting in a volume reduction of about 10%.



SAFE WORKING PROCEDURES.

As well as optimum results, the soil compactor also results a safe operation. The compacted areas are significantly more navigable. There are fewer jammed vehicles, which ensures a smooth, efficient running of the traffic on the site. Suppliers' turnaround times are also reduced.



BOMAG'S UNIQUE COMPACTION CONCEPT.

BOMAG's compaction concept with scrapers and toothed wheels ensures continuously clean working. And only clean tools can guarantee consistent compaction and traction. The articulated steering ensures optimal load distribution on all 4 wheels. Thanks to the wheel offset, the entire surface is covered. Gaps left by the wheels are closed completely on the second pass.

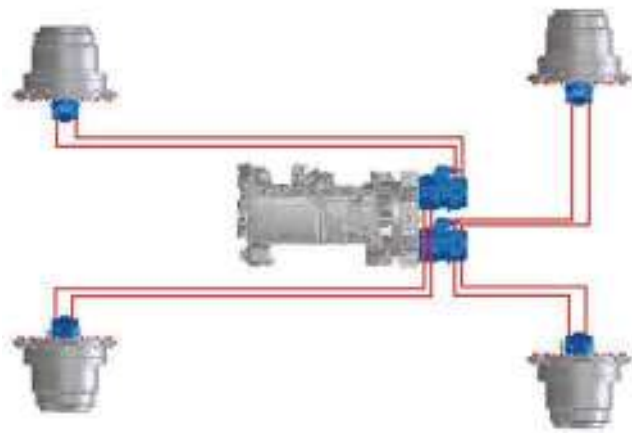


HIGHLY EFFICIENT ENGINES AND PERFORMANCE-CONTROLLED COOLING SYSTEM.

The compactor has its durability and highly efficient engines to thank for its outstanding performance. As a result, regeneration cycles are no longer required, and the speed-controlled cooling fan reduces power consumption and thus also fuel consumption by up to 5-15%.

EFFICIENT HYDROSTATIC DRIVE.

The BC 473 is powered by the proven BOMAG twin-pump-drive. Each axle is supplied by a separate pump. With the load limit control on the hydrostatic drive, the available output can be used optimally for traction equipped with hydraulic differentials front and rear.



THE BEST IDEAS COME FROM A SOLID FOUNDATION.

Many of the advantages that characterize the new BOMAG soil compactor are in the details. The box frame, for example, is fully enclosed to protect the drive components as much as possible and maximize their lifetime. The air for cooling and combustion comes from the highest area that is least exposed to dust. The large hood simplifies maintenance. Thanks to the generous platforms, the compactor is easily accessible and can be serviced from one side.

OPTIMALLY EQUIPPED.

The BOMAG soil compactor portfolio includes four different machines with an operating weight of 25.7 t - 35.8 t (56,658 lb - 78,925 lb) and a power range of 210 - 340 kW (281 hp - 456 hp).

The compactors are equally at home on large construction sites or landfills and virtually any material. They also cope with highly cohesive soils and rain effortlessly. This is mainly due to the optimal traction and the powerful diesel engines. In combination with the high thrust, the BOMAG soil compactor has an excellent climbing capability. The necessary stability is achieved with a low center of gravity and a wide wheelbase. With the wheel concept, specially developed by BOMAG, the all-rounder is equipped for almost any application, even under the most severe conditions.



non-cohesive soil



cohesive soil





MODEL OVERVIEW.



Model types	BC 473 EB-3	BC 473 EB-5	BC 772 EB-2	BC 772 EB-4
Weight [t/lb]*	25.7 / 56.658	26 / 57.320	35.3 / 77.823	35.8 / 78.925
Power [kW/hp]	227 / 304	210 / 281	330 / 420	340 / 456
Blade width [m/in]	3.6 / 141.7	3.6 / 141.7	3.8 / 149.6	3.8 / 149.6
Wheel width front [m/in]	1.13 / 44.5	1.13 / 44.5	1.35 / 53.2	1.35 / 53.2
Wheel width rear [m/in]	1.13 / 44.5	1.13 / 44.5	1.13 / 44.5	1.13 / 44.5
Compaction width per pass [m/in]	2.48 / 97.6	2.48 / 97.6	1.35 / 53.2	1.35 / 53.2
Speed [km/h /mph]	0 - 12 / 0 - 7.5	0 - 12 / 0 - 7.5	0 - 4 / 0 - 7.5 / 0 - 12	0 - 4 / 0 - 7.5 / 0 - 12

*) Technical modifications reserved. Machines may be shown with options.