BOMAG
FAYAT GROUP

THE MULTITOOL AMONG REFUSE COMPACTORS.

BC 673 RB-5, BC 773 RB-5, BC 773 RS-5.

OUR SIGNATURE MOVE: COMPACTION.

Any contractor carrying out large earthwork projects or managing landfill sites needs to be able to do one thing above all others: compact. To help you achieve the best compacting results, we build the best machines.

For over 60 years, our company's history has been part of compaction technology history. The combined expertise of our more than 2,300 committed employees worldwide drives innovation and sets the pace of an entire industry, especially in the field of soil and refuse compaction. Which makes BOMAG compactors the perfect choice for the task at hand.

Our focus is on developing new technologies based on your needs – and keeping them cost-efficient: Our refuse compactors' unique polygonal disc wheels for optimum crushing and BOMAG's proven compaction concept with scrapers and toothed wheels guarantee versatility and efficiency in any situation. Our RS variant offers 3-in-1 efficiency for compaction, loading and transporting.

When it comes to putting your compactors to their best use, our globally active specialists and partners in more than 150 countries support you all the way: from the initial machine configuration to mastering the most demanding challenges.

So rely on the world market leader in compaction and our unconditional commitment to quality: in product development and production, in training our employees, and in providing a level of service which guarantees only the best on-site support.

COMPACTION FOR THE TOUGHEST SITES.

The basis for a landfill's profitability is optimum capacity utilisation, including the best possible compaction of all waste materials. BOMAG refuse compactors have been specifically designed to conquer the extreme conditions found on landfills – which makes them your perfectly reliable and efficient partner on site.

Our intelligent machine concept sets new standards in its class: All compactors come with a multitude of smart major and minor features that make work easier and more efficient, such as a hydraulically operated engine hood and high air intake.

Additionally, our new RS variant offers you a real multitool among compactors: it enables all-in-one compaction, loading and transporting – saving you valuable time and costs.

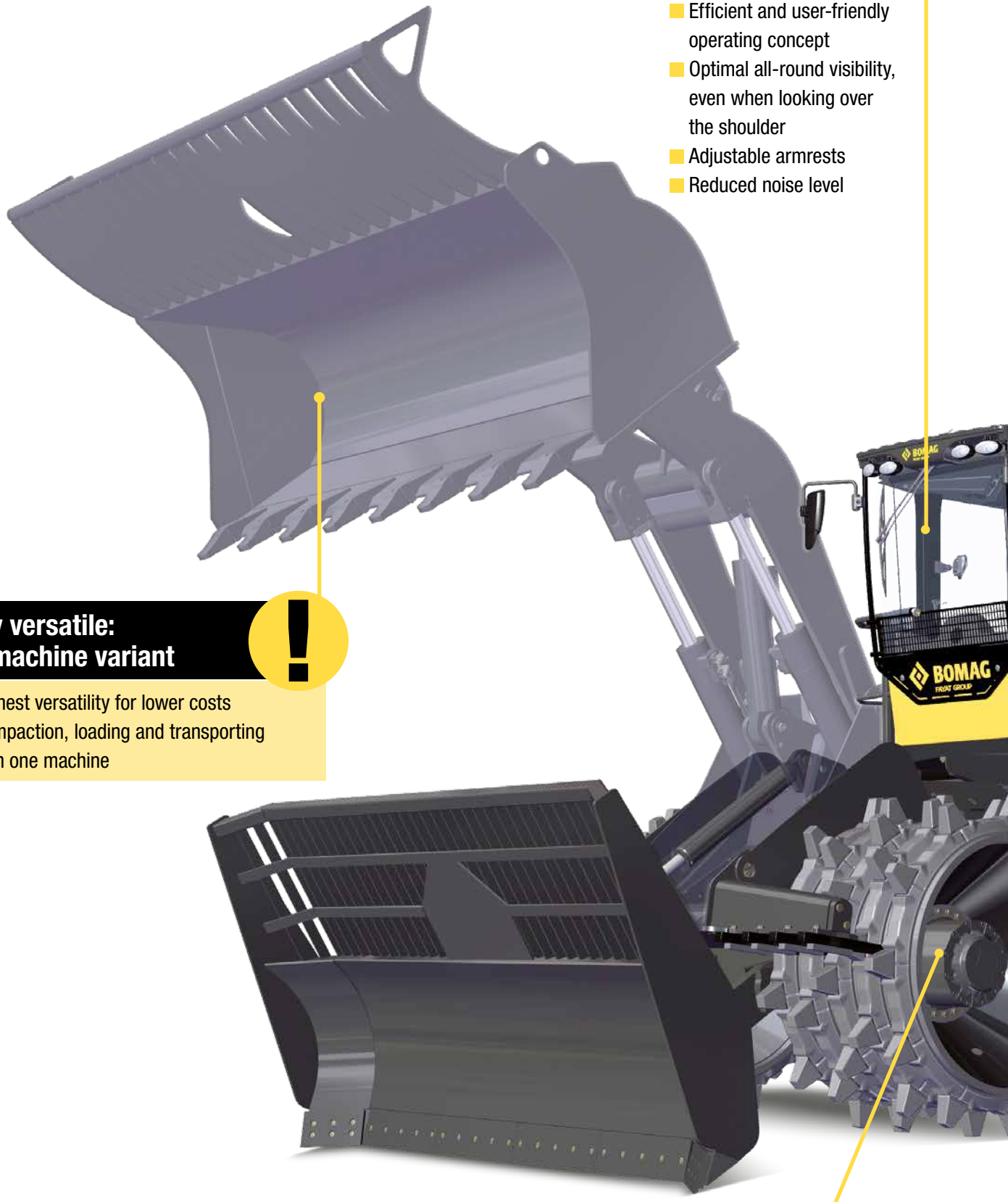
A SUCCESS FORMULA: POWER AND EFFICIENCY.

- **Efficiency:** low fuel consumption means low operating costs
- **Power:** high output diesel engines provide ample power in all conditions
- **Cost-efficiency:** intelligent design produces cost-effective compaction with minimal maintenance work
- **Ergonomics:** easy access to important service points for daily and scheduled maintenance
- **Versatility:** market-oriented models for a wide variety of sites
- **Value retention:** durable technology and the highest manufacturing quality ensure high resale values
- **Security:** warranty extensions and maintenance contracts tailored to your needs

FIRST-RATE COMPACTION.

Much appreciated: deluxe cab

- Efficient and user-friendly operating concept
- Optimal all-round visibility, even when looking over the shoulder
- Adjustable armrests
- Reduced noise level



Very versatile: RS machine variant

- Highest versatility for lower costs
- Compaction, loading and transporting with one machine

Perfectly adjusted: hydrostatic travel system

- Power limit control for optimal performance
- Automatic and infinitely variable for the best efficiency

Less demanding: high air intake position

- Air intake in the area with the lowest dust load for minimal cleaning requirements
- Speed-controlled reversible cooling fan for constant cooling capacity at highest efficiency (cooling on demand)

Extremely efficient: engine technology

- ECOMODE regulates performance
- ECOSTOP avoids idle times to reduce fuel consumption and wear

Really easy: service and maintenance

- Access to all components: one-piece engine cover with electro-hydraulic opening
- Daily inspection performed on one side of the machine

Totally functional: platforms and steps

- Open, sturdy design stays clean and safe
- Safe service and maintenance

Well designed: compaction concept

- Wheels with a polygon profile and teeth for optimal crushing and kneading
- Scrapers ensure clean tools and consistent compaction performance and traction
- Cable cutters prevent wires and ropes from becoming entangled

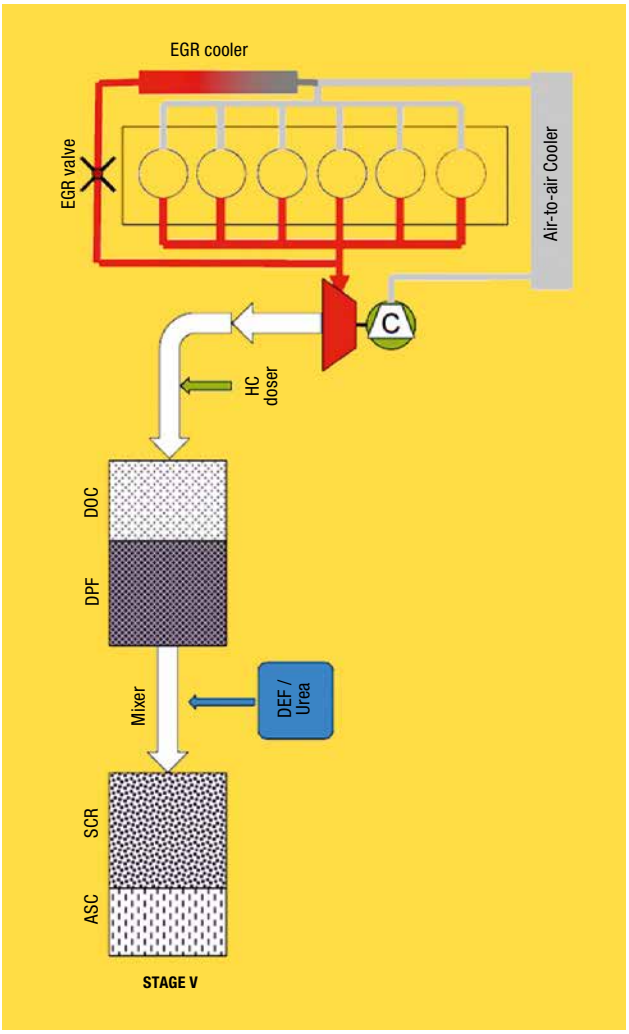
Reliably grounded: oscillating articulated joint

- Optimal climbing power and adaptation to landfill surface through ± 15° oscillation
- Excellent traction and homogeneous compaction

EMISSION STAGE.

MTU OM 471 LA – STAGE V / TIER4.

Cummins X 15 – STAGE V / TIER4 and TIER3.



Exhaust after-treatment system.

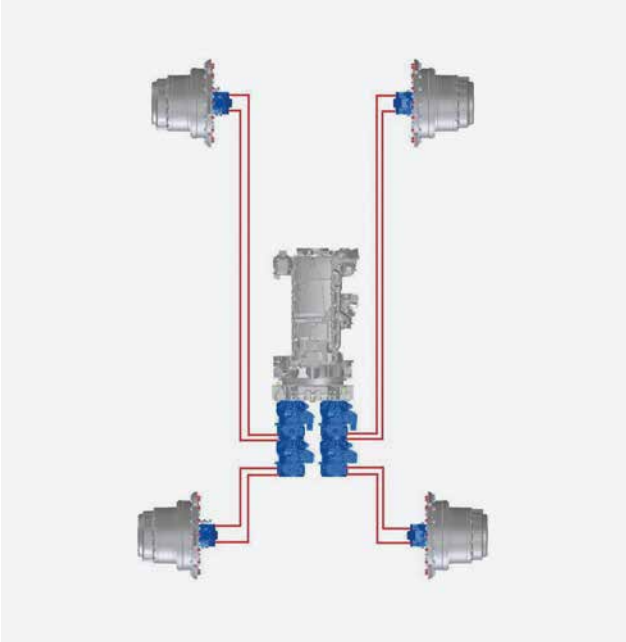
This well-designed and powerful turbo diesel engine uses the latest technology to provide ample power for all site situations while maintaining low fuel consumption.

- Intercooler
- High-pressure direct fuel injection
- State-of-the-art technology in proven quality
- Excellent fuel efficiency
- Lower operation costs
- Low vibration 6-cylinder in line engine
- Temperature-governed cooling system with speed regulated and reversible fan for highest efficiency
- Global distribution and service
- Long maintenance intervals

THE DRIVE TRAIN FOR EFFECTIVE POWER.

Promptly adjusted speed, outside – inside and front – rear for optimum grip without slippage when cornering. That's something only our drive system can do for you. Thanks to the quad pump system, the pump is controlled according to the curve radius and provides the appropriate speed directly to each individual wheel.

- Matching drive train for each weight
- Quad Pump Drive
- Efficient high-pressure drive train
- Fewer components for highly efficient systems
- Load limit control
- ECOMODE



Quad Pump Drive.

TRULY SUSTAINABLE: FOR TODAY AND TOMORROW.

As the market leader in compaction technology, it is our responsibility to strive for optimum sustainability in the development and manufacture of our refuse compactors. This includes the efficient use of natural resources in production – as well as economical drive systems and low emissions on site.

RECYCLABLE MATERIALS.

Sustainability at BOMAG starts with our raw materials – which we choose according to their exceptionally high recycling potential. As a result, BOMAG refuse compactors are over 92% recyclable.

EFFECTIVE DRIVE TECHNOLOGY.

BOMAG refuse compactors operate on a high-pressure hydraulic system with few components in the drive train. This results in high efficiency and thus low energy consumption. Additionally, speed-controlled radiator fans provide an adapted air flow to cool the engine, saving around 5% fuel.

HEALTHY WORK ENVIRONMENT.

Thanks to the excellent cooling system, BOMAG refuse compactors are extremely quiet – which improves the work environment for operators as well as their team on site. Dust and gas contamination are reduced to a minimum by the efficient cabin filter system.

LOW EMISSIONS.

BOMAG has been an early adopter of emission regulations from the very start, and all our refuse compactors comply with current emission regulations flawlessly. We have years of experience meeting the challenges of modern environmental protection while delivering powerful and efficient engine technology.

TAKE IT EASY: SHIFTING AND DISTRIBUTING.

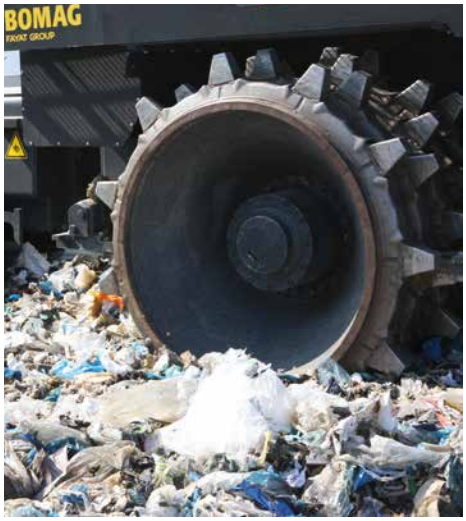
The basis for good compaction is the distribution of refuse into suitable layer thickness. For an even distribution, the operator needs a machine that offers precision, high thrust forces and traction. All standard for all BOMAG refuse compactors.

The joystick is simple and hassle-free to use, which means great precision even during long shifts. The smooth hydrostatic drive converts the power of the water-cooled turbo diesel engine into high output power. For optimum use of the available power, the load limit control automatically adjusts the travel speed to the load.

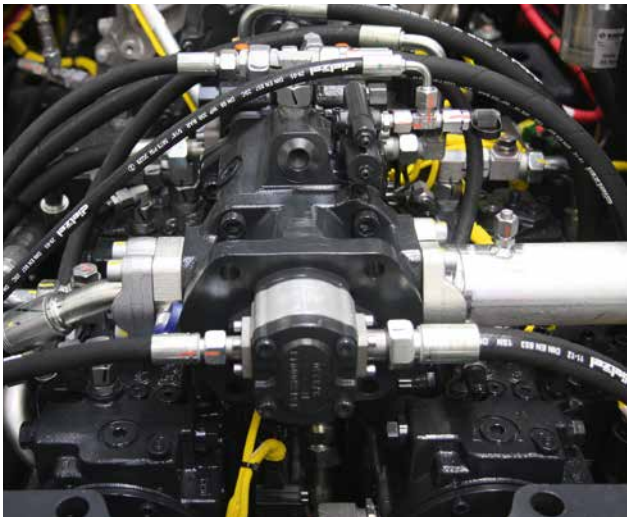
Our unique feature is an oscillating articulated joint, designed for the toughest loads and stresses in landfill operation. It allows ± 15° oscillation and 40° steering to both sides between the front and rear frame. This enables all wheels to maintain ground contact, ensuring optimum compaction, safety and traction.

Oscillating and articulating joint.

High pushing power.



Wheels stay clean.



Hydraulic quad pump drive with load limit control for best performance.

UPGRADE YOUR COMPACTOR TO AN EFFICIENT MULTITOOL.

Every machine on a waste disposal site has its specific purpose. Thanks to our innovative RS variant, **your compactor can do the job of two.** Put it to work on compaction, loading, and use its shovel with tilt function for transport jobs, i. e. for moving waste around or loading trucks.

Especially on smaller landfills, the RS variant saves you a lot of money and hassle – as your compactor can also **replace the wheel loader** you would otherwise need.

DOZER BLADES AND SHOVELS.

- Robust design
- Grid attachment for good all-round visibility
- Rotatable two-edged cutting blades
- Straight blades in 2 sizes
- Semi-u-blades in 2 sizes push 10% more volume than straight blades of same width
- RS version shovel with tilt function for transport jobs

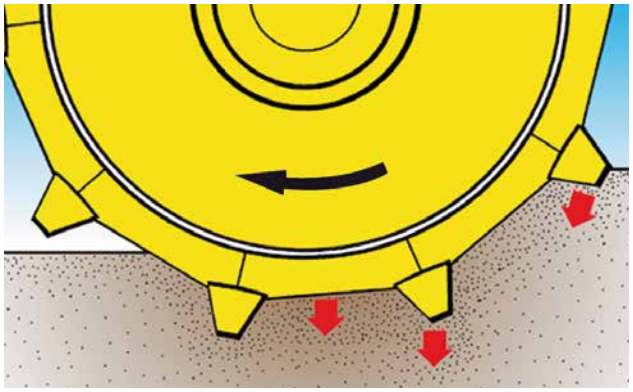
RS variant.

IT'S ALL ABOUT COMPACTION. FOR YOU. AND US.

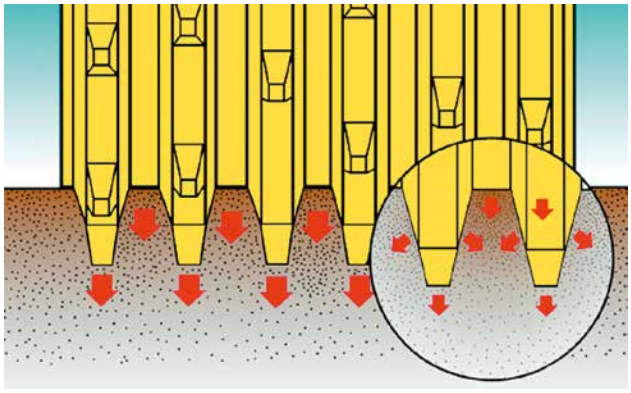
Compaction has a significant impact on the lifetime of any landfill: with the high investment in waste disposal sites, every additional cubic meter filled is money in the bank. For the best compaction result, the even distribution of material is key – and BOMAG's core competence.

Because only clean tools can maintain consistent compaction and traction, BOMAG's compaction concept focuses on continuous clean work achieved by scrapers and wheels with rows of teeth. The oscillating articulated joint provides optimum load distribution to all four wheels. Wheel offset ensures the whole working area is covered. Gaps left by the wheels are closed completely on the second pass.

Thanks to this wheel geometry and scraper beams, BOMAG refuse compactors guarantee optimum homogeneous compaction as well as perfect landfill stability.



Polygon disc wheels with compressor teeth for crushing, kneading and effective compaction at depth.



Additional lateral forces increase compaction.

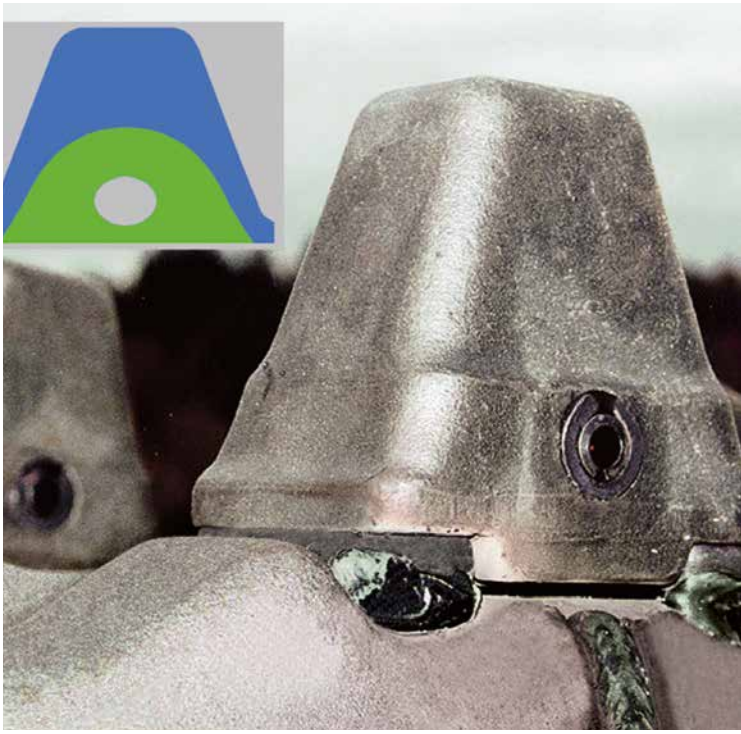
Scrapers ensure clean wheels and high compaction.

Optimum compaction with the oscillating joint, providing good load distribution to the compaction wheels.

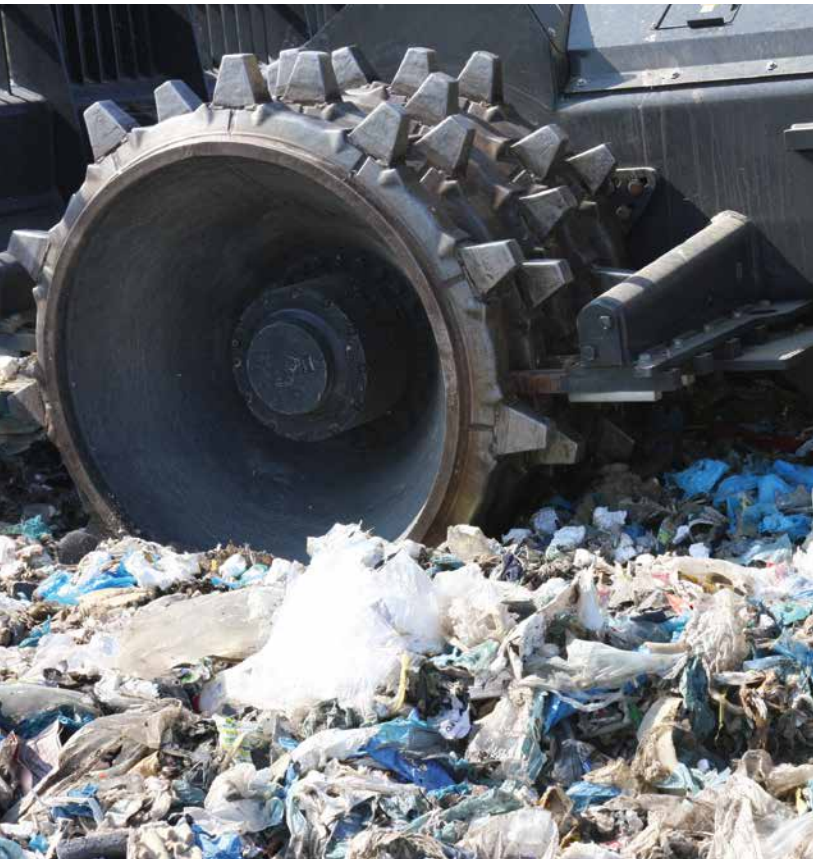
WHEELS MAKE ALL THE DIFFERENCE.

BOMAG WHEELS WITH PIN-ON TEETH.

- Welded wheel bodies with inner taper on both sides for optimum stability
- Specially shaped polygon compaction segments with welded-on replacement cap holders to support compaction
- High-quality, easy to replace pin-on caps for optimal refuse crushing and compaction



BOMAG wheels with pin-on caps.



BOMAG wheels with premium teeth.

BOMAG WHEELS WITH PREMIUM TEETH.

- Wear warranty of 10,000 working hours (pro rata)
- Welded wheel bodies with inner taper on both sides for optimum stability
- Reinforcement welded to the inner wheel edges in combination with cable cutters prolong product life
- Specially shaped polygon compaction segments with welded-on teeth to support compaction
- Compaction teeth made of highly wear-resistant cast composite, i.e. two materials cast in sequence for a longer service life

THE BEST ENVIRONMENT FOR THE BEST PERFORMANCE.

Inviting: roomy and well-arranged workplace.

Everyday landfill operations can get pretty loud and bumpy. So sitting comfortably in a suitable environment is particularly important for the operator's concentration and performance. That is why our compactors are made for comfort.

The spacious cabin offers outstanding sound and vibration insulation – and the automatic heating and air-conditioning system included as standard ensures optimum climate control in the driver's cabin on both cold and hot days. The smart cabin design also provides an excellent view of the surroundings – including when glancing backwards over the shoulder.

The air-suspended seat with individually adjustable armrests and a continuous support rail for both feet offers ergonomic comfort for hours on end. Our recently developed seat consoles are designed to provide optimum support for the body – while the arrangement of the wide seat and the joysticks guarantees optimum freedom of movement.

Even getting in and out is more convenient than ever: the ROPS is now positioned behind the cabin, the door is higher and you no longer have to duck.

Automatic heating and air-conditioning unit control panel.

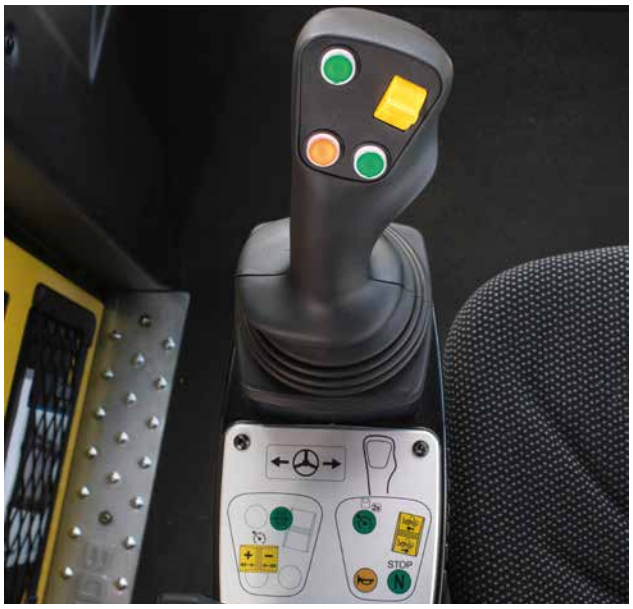
The automatic heating and air-conditioning system included as standard ensures optimum climate control in the driver's cabin on both cold and hot days.

PLEASE TAKE A SEAT. ALMOST LIKE AT HOME.

When it comes to ergonomics, the comfortable seat can almost rival the couch at home.

Having the upper hand: with two joysticks the landfill is firmly under control.

LOVE AT FIRST SIGHT: THE OPERATING CONCEPT.



Travel.

Work.

SAVEABLE DOZER BLADE POSITIONS.*

Simply choose what you need: the compactor remembers dozer blade positions that are repeatedly accessed after saving just once. The blade is operated via the traditional joystick. An additional mini joystick makes operation of the machine even more comfortable, as it reduces forearm movement significantly.

LINKABLE WORK PROCESSES.*

Work steps that have to be carried out in the same sequence several times per day are typical for landfill sites: move forward, set dozer blade position, reverse, set dozer blade position and so on. For your convenience, these procedures can be easily set, linked and stored – so you're up and running in no time.

CRUISE CONTROL FORWARD/REVERSE.

With our smart cruise control, you can easily set working speeds for forward and reverse travel. Because operation based on travel speed rather than revolution results in maximum efficiency with intelligently adapted fuel consumption.

BLADE STEPPER.

If the material is bulky and contains large objects, the blade constantly needs to be lifted and returned. Time for our practical Blade Stepper: with this function on the joystick, the driver can save the starting position of the dozer blade and retrieve it again and again. Thus, the dozer blade returns to exactly the height the operator defined beforehand as often as needed.

*Please note that this feature is only available in the EU but not in the US market.

BOMAG

AS MUCH – AND AS LITTLE – INFORMATION AS NECESSARY.

There's no question that real-time information about your compactor is important. But too much of it can also be distracting. That's why we focus on what really counts – displayed clearly on a glare-free display that is perfectly positioned in the driver's field of vision. The most important information is visible at first glance, further details can be added simply by clicking on the joystick.

Every function can be controlled conveniently by joystick via the menu navigation – in your local language, of course.

Units of measurement can be displayed in either metric or imperial. Should errors occur, our machines tell you in plain language directly on the display.

Regardless of whether it is the height of the dozer blade, the currently set direction of travel or the side tilt of the machine in critical situations – everything is clearly displayed. And right at the start of the workday, the operator can even call up how much operating time is left with the fuel remaining in the tank.

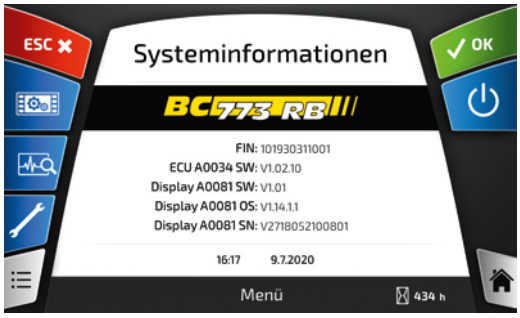
Key information clearly visible at a glance.

MONITORING MADE EASY.

The most important information for the operator is displayed on the main screen. Additional data can be called up as needed via the joystick and machine control system readings can be easily navigated to via the menu. This allows easy and comfortable in-depth monitoring and analysing of all relevant machine data.

Standard screen.

Focus on temperature.



System info.

Fuel overview.

Stored values overview.

Error message in native language.

Focus on RPM.

Error message in native language.

Direct access to the engine – accessible all around.

SIMPLE IS FASTER. AND LASTS LONGER.

High-maintenance? Not us! We aim to always keep servicing costs to a minimum. The efficient arrangement of components and the resulting easy accessibility are key for fast and simple maintenance on complex landfills. And innovative machine options reduce your running costs as well.

Careful machine inspection made simple: BOMAG compactors allow for the daily visual inspection to be carried out from the left-hand side of the machine in the direction of travel – without any tedious walking around it. The one-piece engine hood opens easily and conveniently thanks to electric hydraulic operation. Simply press the button right next to the door inside the cabin.

Easy access to essentials: the conveniently located intake area for cleaning the radiator is right next to the maintenance openings for the air conditioning system.

Thorough yet fast and easy – that's our kind of maintenance.

Access to the radiator and maintenance opening for the air conditioning unit.

Rotatable cutting edges.

Access under the engine.

REAL TIME-SAVERS.

SERVICE PLATFORMS.

The service platforms are located on both sides of the machine and facilitate easy access to the maintenance areas for fast and safe maintenance work.

CENTRAL LUBRICATION SYSTEM.

The central lubrication system supplies almost all mechanical bearing points using an automated interval function. Its specially designed container holds sufficient supply for up to 500 operating hours and enables air-free delivery of the lubricant. A malfunction alarm makes extra sure that everything goes smoothly.

REVERSIBLE COOLING FAN.

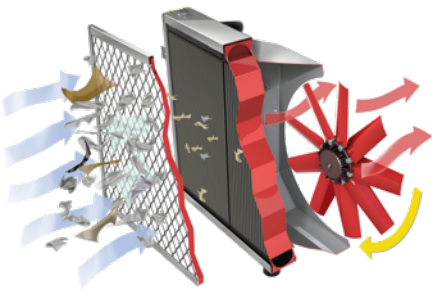
Automatic cleaning of the cooling system considerably reduces the cleaning expense and ensures that maximum cooling power is always available.

GREAT SERVICE.

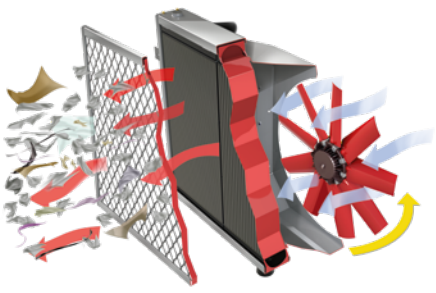
BOMAG Service tailors the available service packages to your individual needs – so you benefit from fixed long-term operating costs. This offers real added value as it protects you from unforeseen costs.

The service platform provides access to the maintenance area.

Smooth operation.



Normal operation.



Reverse operation.

SAFETY ALWAYS INCLUDED.

At BOMAG, we never compromise on your safety: in their standard versions, BOMAG refuse compactors already meet all safety requirements for everyday use on landfill sites. In addition, every compactor can be adapted to any job with a range of options for use on landfill sites – according to your needs for all site requirements.

Open stairs and the platform structure keep things clean.

ROPS/FOPS cabin with all-round safety glass.

Mirrors optimally adjusted due to electrical regulation.

Rear camera system with colour display.

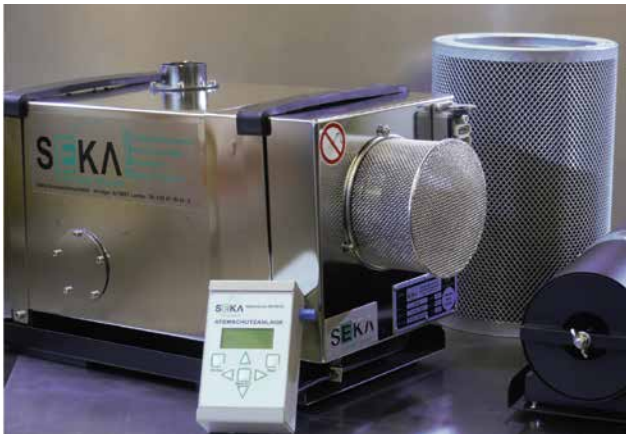
OPTIONAL CAB PROTECTION GRILLE AND REAR BUMPER.

Rear bumper protects the rear of the bonnet from damage.

Cab protection grille prevents damage to the cab windows.

OPTIONAL PROTECTIVE VENTILATION SYSTEM.

For work with contaminated materials or environments polluted with hazardous gases or dust, our additional filter system is your best choice. We also offer pre-fitting for other systems.



Protective ventilation system.

OPTIONAL PRE-START CABIN HEATING.

The timer-controlled pre-start cabin heating ensures a warm cabin and a clear view through the windows on cold days.

Airtronic auxiliary heater.

COST REDUCTION AND DURABILITY.

By using the latest cutting-edge components from reputable suppliers, we ensure that your financial goals are met. Not only in the first few years, but over the entire life cycle of the machine. To maintain high efficiency in the long term, all components are protected by highly effective filter technology. And even the filters themselves are well shielded in the closed frame pan.

Final drives for continuous long-term operation.

Electronic monitoring of hydraulic return filter.

Hydraulic filter system.

A closed base frame provides the best protection for your investment.

SERVICE, MAINTENANCE AND WARRANTY.

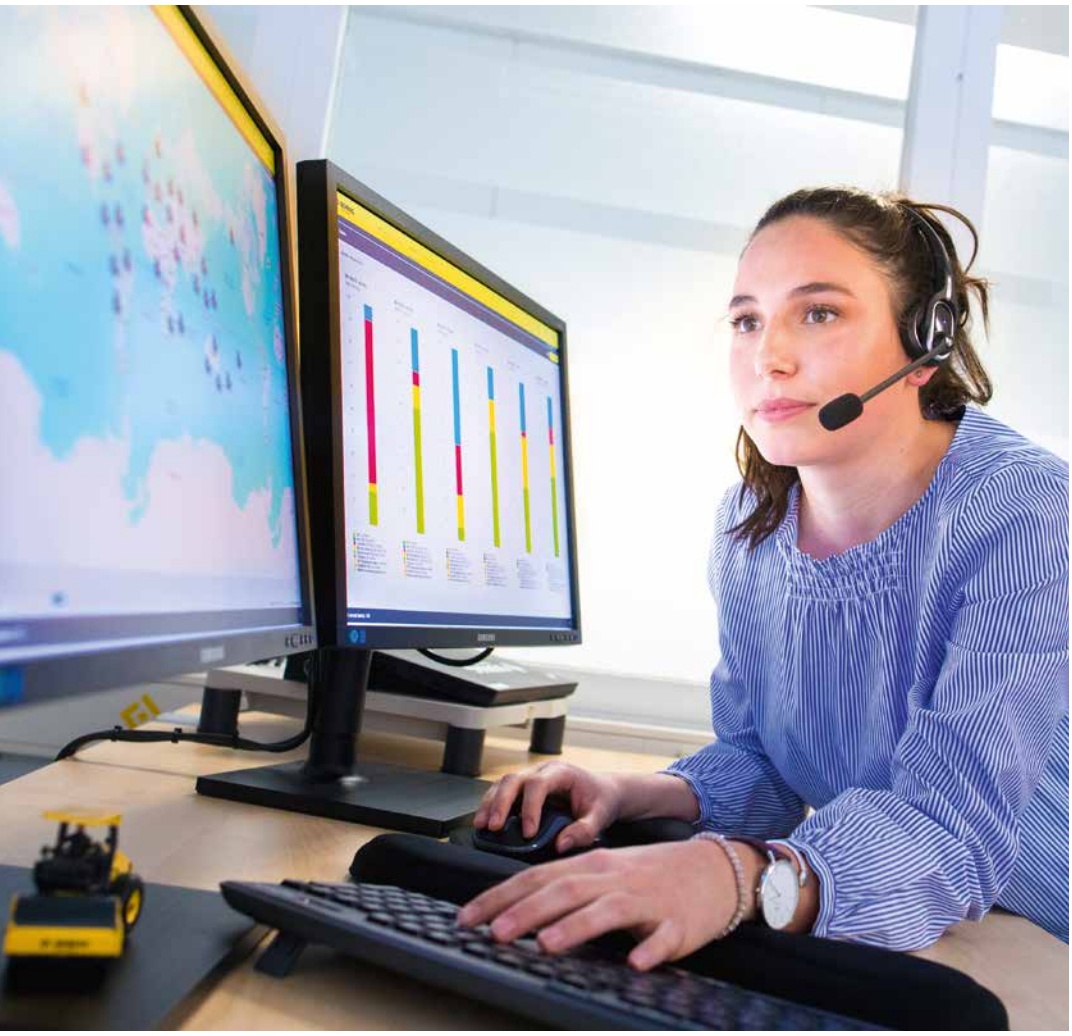
YOUR REQUEST:
High availability and a long life for your investment with minimum operating costs.

OUR ANSWER:
Save time and money with our spare parts and service products: only BOMAG original spare parts meet the requirements for the quality and functionality of your refuse compactor – so avoid expensive damage due to alternative parts sourcing.

BOMAG cooling agents and lubricants meet the high standards of our machine components and maximise maintenance cycles and component life. BOMAG Service Kits contain all the parts needed for professional maintenance in one package at attractive prices.

Always on the safe side – rely on BOMAG for service and spare parts to avoid unpleasant operating surprises.

THE EFFICIENCY EXTRA: BOMAG TELEMATIC.



YOUR MACHINE, JUST A CLICK AWAY.

If you want the professional back office support to go with your machines, we're happy to help: with our optional system BOMAG TELEMATIC, key machine data – e.g. operating hours and machine output – are available at any time, regardless of the machine's location.

BOMAG TELEMATIC monitors and manages your entire fleet. You always know where your machines are, how they are being used and when the next service is due. Alarms are generated automatically, e. g. if a machine leaves a defined construction site at an unscheduled time. The system also enables the detailed allocation of fuel costs and easy planning and documentation of maintenance work. All recorded data can be tracked precisely at all times.

- Maintenance scheduling for your entire fleet at a glance
- All services documented centrally
- Complete fuel monitoring with precise information on actual fuel consumption
- One flexible solution for your entire fleet – machines from other manufacturers can be integrated easily

TELEMATIC

MODEL OVERVIEW.

Model types	BC 673 RB-5	BC 673 RB-5	BC 773 RB-5	BC 773 RB-5	BC 773 RS-5	BC 773 RS-5
Weight [kg]*	33.700	33.400/ 34.100	37.300	37.100/ 37.700	36.400	36.400/ 36.800
Performance [kW/PS]	340/456	336/450	340/456	336/450	340/456	336/450
Motortype	MTU	Cummins	MTU	Cummins	MTU	Cummins
Emission stage	STAGE V / TIER 4	STAGE IIIa / TIER 3 STAGE V / TIER 4	STAGE V / TIER 4	STAGE IIIa / TIER 3 STAGE V / TIER 4	STAGE V / TIER 4	STAGE IIIa / TIER 3 STAGE V / TIER 4

* Approximate operating weights with cabin in the basic configuration. Actual weights depend on equipment and accessories. Technical specifications subject to change. Machines may be shown with optional accessories.

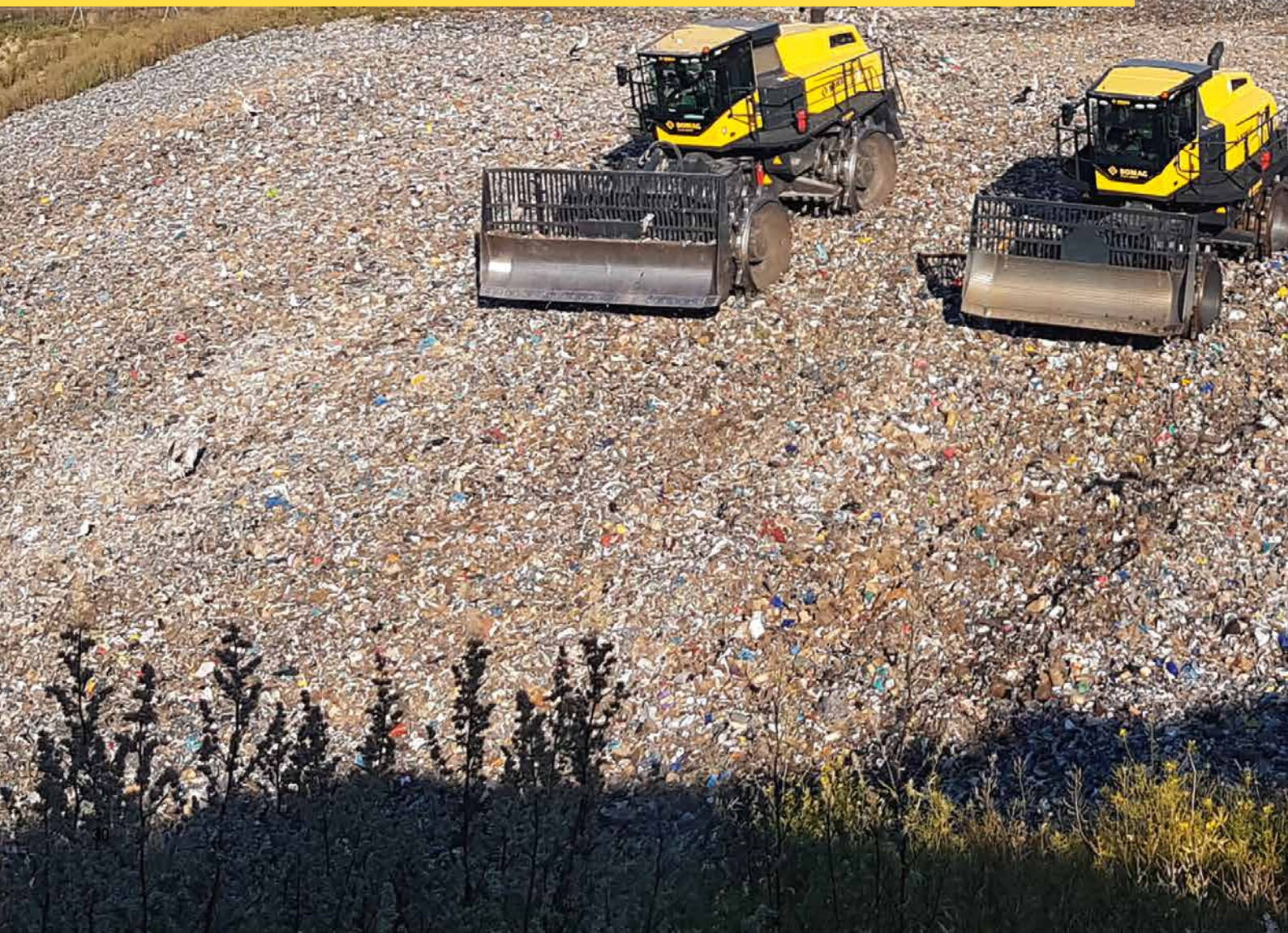
EFFICIENCY FOR TODAY – AND TOMORROW.

We know that the basis for your landfill's profitability is optimum capacity utilisation. Which is why we have designed all BOMAG refuse compactors for the special challenges landfill sites offer in your everyday work.

Whether it's simple household waste or complex biologically pre-treated waste, with our machines you can rely on top performance: anywhere, anytime, in any situation. This is our promise to you. Which we work on fulfilling – and expanding – every day.

With our RS variant for compaction, loading and transporting combined in one machine – you can add a real multitool among compactors to your tool kit. We are happy and proud to offer you this plus in efficiency and economy today. And strive to do even better for tomorrow.

So if you have special requirements that call for a special compactor – let's work together to find the best solution for whatever you need.



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