



SETTING STANDARDS IN THE 32 T TO 37 T CLASS.

BC 672 / BC 772.



BOMAG REFUSE COMPACTOR – COMPACTION TECHNOLOGY FOR THE TOUGHEST SITES.

At the outset, the goal was to design specialist refuse compactors for today's landfill sites with no derivation from other construction machinery. The unique result is a

range of compactors at home on any landfill site, with the latest technology, high productivity, low operating costs and ease of maintenance.



THE FORMULA FOR SUCCESS.

The basis for landfill site profitability is optimum utilisation of capacity, which means the best possible compaction of all waste materials. BOMAG refuse compactors achieve this requirement because they have been specifically designed to work under the extreme conditions found on landfill sites:

■ **Efficiency:** low fuel consumption means low operating costs

- **Power:** modern, high output diesel engines provide ample power for all conditions
- **Cost-efficiency:** intelligent design produces cost-effective compaction with minimum maintenance work
- **Ergonomy:** easy access to important service points on a daily basis or for scheduled maintenance
- **Versatility:** market-oriented models can be used on a variety of sites
- **Value retention:** durable technology and the highest manufacturing quality ensure high resale values
- **Security:** warranty extensions and maintenance contracts are available to suit your needs



EXHAUST LEVEL 3A / TIER 3 BC 672/772.



Deutz TCD 2015 V6 (BC 672/772).

- The powerful 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
- Optional temperature-governed cooling system, adjustable fan blades make it possible to alter and reverse the air flow for high efficiency and long maintenance intervals
- No additional operating materials required



Easy access.



A global reach – Skyline Hongkong.

EXHAUST LEVEL 4 / TIER 4 FINAL BC 672/772.

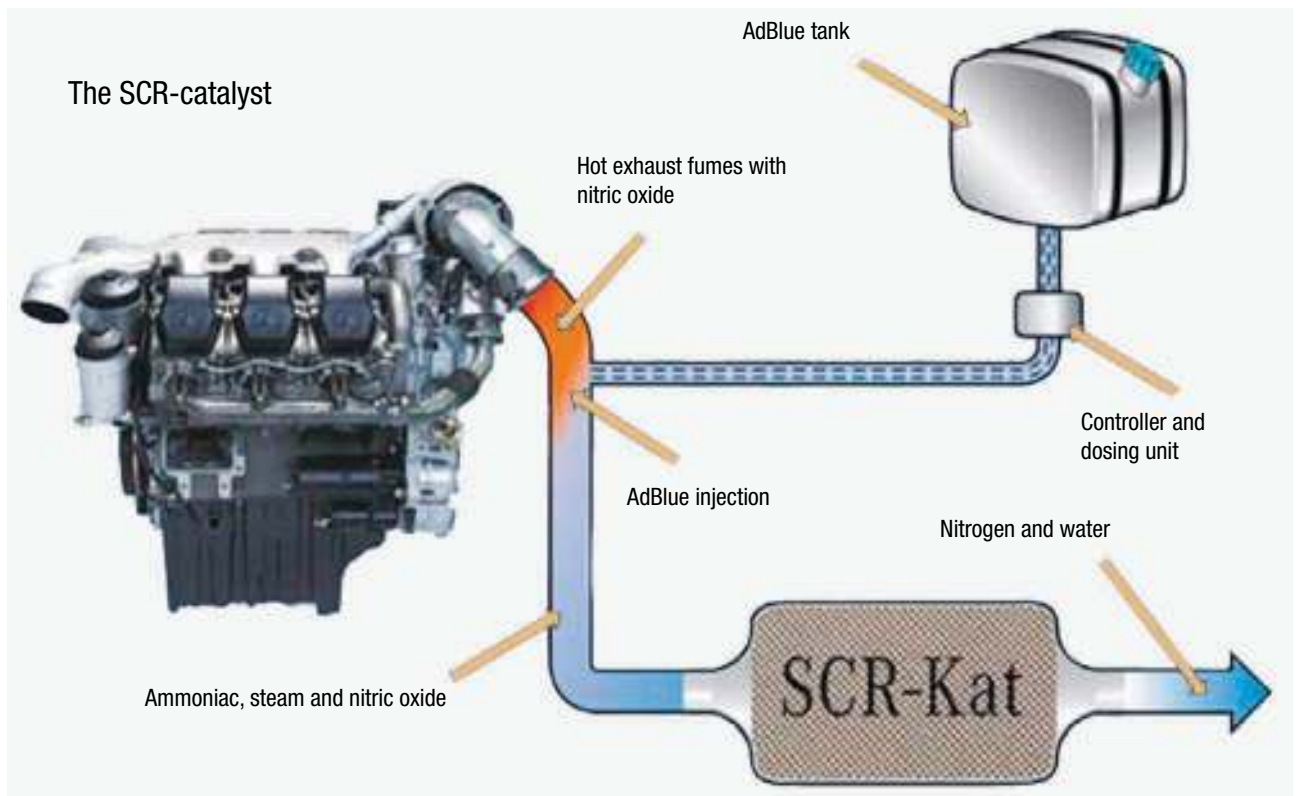
- This well-designed and powerful turbo diesel engine uses newest technology to provide power for all site situations, with low fuel consumption rates
- Intercooler
- High pressure direct fuel injection
- Up-to-date technology in proven quality
- Global distribution and service
- 10-15% less fuel consumption
- 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



Compact exhaust after treatment.



Engine installation.



Exhaust after-treatment system.

SUSTAINABILITY.

As the market leader in compaction technology, BOMAG focusses closely on all factors affecting sustainability. This includes the efficient handling of natural resources during the manufacturing process and during the machines' use on site. In support of this concept, BOMAG's sustainability policy is implemented in the design and manufacture of its refuse compactor product range.

RECYCLABLE MATERIALS

In the refuse compactor market, hard facts on sustainability are often required at the tendering stage. BOMAG uses raw materials with the highest possible recycling value – refuse compactors are over 92% recyclable.

RENEWABLE RESOURCES, BIOLOGICAL FUELS AND LUBRICANTS

BOMAG offers a selection of engine types for its refuse compactors that are suitable for use with biodiesel. BOMAG also uses biological fuels and lubricants such as hydraulic oil.

EFFICIENT DRIVE TECHNOLOGY

BOMAG refuse compactors use a high-pressure hydraulics drive system that requires few components in the drive train, resulting in a high efficiency level with low energy consumption. Speed-controlled radiator fans provide an adapted air flow to cool the engine, saving approximately 5% in fuel costs.

LOW EMISSIONS

BOMAG has extensive practical experience in implementing emission regulations on all its product ranges. The intelligent BOMAG cooling system combined with the latest engine technology offers tangible benefits on site.



All BOMAG refuse compactors are equipped with engines that comply with current exhaust regulations. BOMAG continues to meet the challenges of modern environ-

mental protection regulations while supplying impressive, powerful and efficient compactors.

REDUCED POLLUTION FOR THE OPERATOR AND THE ENVIRONMENT

The cooling system means BOMAG refuse compactors work extremely quietly, thus improving the working environment for the operator and site surroundings. Pollution caused by dust and gas is kept to a minimum by the cab filter system.



SHIFTING AND DISTRIBUTING REFUSE.

The key to optimum compaction is the distribution of waste into suitable layer thicknesses. To ensure even distribution, operators need precision handling, high pushing power and good traction. These features come as standard on all BOMAG refuse compactors.

The joystick is simple and effortless to use, offering excellent operational accuracy. The smooth hydrostatic drive converts the power of the water-cooled turbo diesel engine

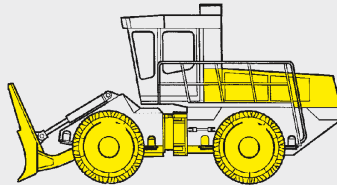
into high drive power. The load limit control automatically adjusts the travel speed to the load for optimum utilisation of the available power. A unique feature is the oscillating articulated joint, designed for the toughest loads and stresses of landfill operation. The joint has 15° oscillation and 40° steering to either side between the front and rear frames. As a result, all wheels maintain ground contact enabling optimum traction and compaction.



High traction with the oscillating articulated joint (continuous ground contact).



Hydraulic wheel drive with „load limit control“ (load-related speed control).



High pushing power with the dozer blade range optimised for every application.



Clean wheels with effective scrapers (optimum compaction).

ALL ROUND PERFORMANCE.

In the 32 t to 37 t class, BOMAG offers three models with dozer blades (RB) and the 37 t version with loading bucket (RS).

DOZER BLADES.

- Large dozer blade with grid attachment for good all-round vision
- Fenders attached on both sides for optimum refuse shifting performance
- Three rotatable cutting blades and two edge cutters made of wear-resistant steel



RB version with semi-U-blade.



PS 3 bucket functionality.

PS 3 BUCKET FOR RB

- Bucket with grid attachment for good visibility
- For waste handling and transport jobs

RS VERSION WITH HYDRAULIC LIFTING GEAR

- For universal use (transportation, handling and loading)

BUCKET FOR RS VERSIONS

- Robust bucket with grid attachment for good visibility
- Available with a cutting edge or bucket with three-part teeth in quick change holders*

* optional

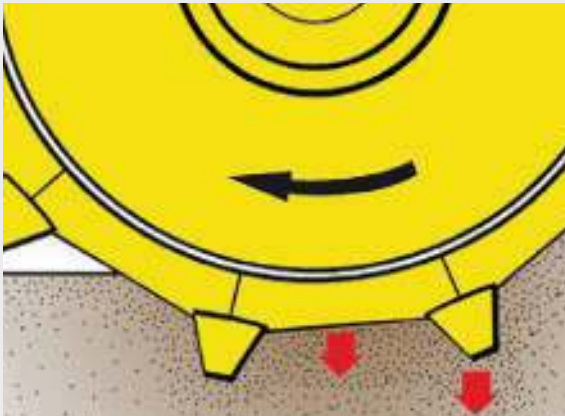


BC 772 RS in use.

COMPACTION.

Optimum compaction results from even distribution of the material – something you can always rely on with BOMAG. And compaction significantly influences the life of a landfill site. With the high investment required in modern land-

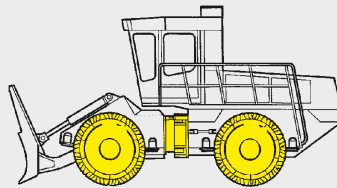
fill sites, every additional cubic meter gained is money earned. BOMAG achieves ultimate compaction through a combination of its wheel geometry, scrapers and uniform ground contact.



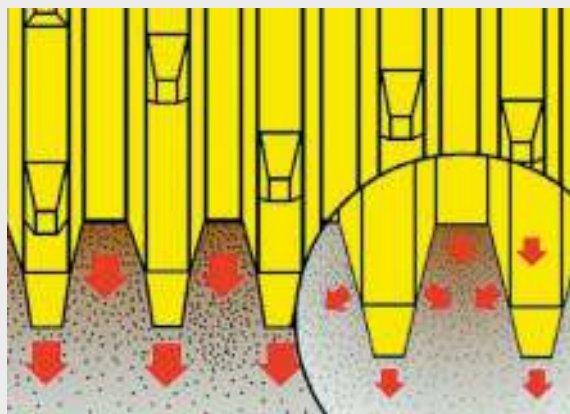
Polygon disc wheels with compressor teeth for crushing, kneading and effective compaction at depth.



Optimum compaction is achieved by the effect of the oscillating joint, which supplies uniform load distribution to the compactor wheels.



Scrapers guarantee clean wheels and high compaction.



Additional lateral forces increase compaction.

THE RIGHT TOOTH MAKES THE DIFFERENCE.

BOMAG offers wheels with replacement caps or with premium teeth for outstanding crushing and compaction.

BOMAG WHEELS WITH REPLACEMENT CAPS

- Welded wheel bodies with inner taper on both sides for optimum stability
- Specially shaped polygonal compaction segments with attached replacement cap holders welded on to assist compaction
- Equipped with high-quality, forged replacement caps for optimum refuse crushing and compaction
- Precision mounting ensures the caps fit tightly and securely
- Caps can be changed easily and quickly by ejecting the dowel pins
- Optimised ejector tool available

BOMAG WHEELS EQUIPPED WITH PREMIUM TEETH, WHICH HAVE A WEAR WARRANTY OF 10,000 WORKING HOURS (PRORATED)

- Welded wheel bodies with inner taper on both sides for optimum stability
- Armouring welded to the wheel edges for extended service life in combination with the cable cutters
- Specially shaped polygonal compaction segments with attached compaction teeth are welded to assist compaction
- Compactor teeth cast from extra high wear-resistant composites, i.e. two materials cast consecutively for extended service life



Adjustable scraper for uninterrupted operation.



High quality, forged quick-change replacement caps.



Welded wheel bodies with inner taper on both sides for optimum stability (premium).



Premium teeth with a wear warranty of 10,000 hours.

ERGONOMICS AND EASE OF OPERATION.

An underestimated factor: an investment in an efficient machine is enhanced when the operator is able to work effectively for extended periods with no loss of productivity or workmanship.

BOMAG prevents driver fatigue with a flexibly mounted cab, an ergonomically designed workplace and low sound pressure level. There are optional extras available to

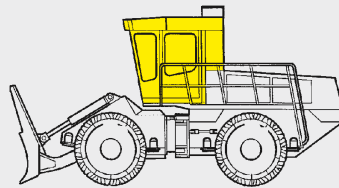
make it easier for the operator to monitor the machine or for increased comfort and convenience.



Cab with large windcreens to ensure the best overview of the working environment.



The ergonomically designed, comfortable workplace for fatigue-free work.



Joystick operation – full control at all times.



With gauges and controls in direct view, the operator is fully informed and in control.

MORE COMFORT AND CONVENIENCE.

HIGH COMFORT CAB

- The comfortable cab meets ROPS and FOPS regulations

CONFIGURATION:

- Heating/air conditioning system
- Working lights LED
- Two large exterior rear-view mirrors
- Large storage spaces
- Safety glass
- Windscreen wiper with washer system

AIR-CUSHIONED OPERATOR'S SEAT

- Ergonomically shaped, comfortable heated seat with pneumatic suspension. APS (Automatic Positioning System) always ensures the best position to access the operating controls

AUXILIARY HEATING (AIRTRONIC)

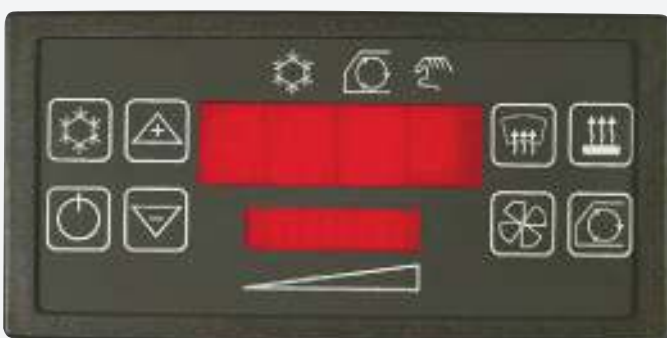
- Auxiliary heating independent of the engine (air-based) in addition to the existing heating system



Cab comfort with ROPS and FOPS as standard.



The workplace.



Air conditioning control panel.



Airtronic auxiliary heating.

SAFETY IS PARAMOUNT.

BOMAG never compromises on safety. Even in the standard version, every BOMAG refuse compactor complies with all the safety regulations on everyday landfill work,

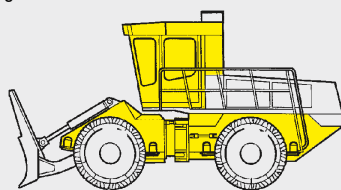
and every compactor can be adapted to any site with a range of options that also meet all safety requirements.



Frame with enclosed sections for best possible protection of all components and no ingress of material; no danger of ignition on hot components.



Cab design complies with ROPS and FOPS regulations.



Two independent braking systems (hydrostatics for the service brake, multiple discs for the parking brake).



Large mirrors on both sides combined with large glass areas for excellent all-round visibility.

MAKING LIFE EASIER.

ACCESS

Wide, skid-proof steps allow the operator easy and safe access to the work place.

PREPARATION FOR PROTECTIVE VENTILATION SYSTEM*

The high concentration of dust on landfill sites makes work demanding. Pollution affecting the operator can often only be reduced with special filter technology. BOMAG offers pre-fitting of the cab with this technology, offering the opportunity to install a filter system tailored to local requirements from a specialist supplier.

REVERSING CAMERA

The reversing monitoring system consists of a video camera at the rear and a colour display in the operator's cab, and provides an optimum overview of the work area. The screen can easily be removed and reinstalled; e.g. for safe storage outside working hours.

FIRE EXTINGUISHER*

Hand-held fire extinguisher with 6 kg content. This fire safeguard is always on board.

* optional



Access to the workplace.



An eye to the rear.



Hand held fire extinguisher.

EASY SERVICE.

Maintenance costs are unavoidable, but BOMAG always strives to minimise them during the development phase already. Major savings are achieved by arranging components to enable easy access. The options available consid-

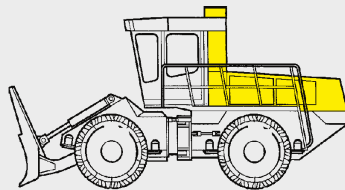
erably reduce cyclic expenses while also reducing running costs, and provide easy maintenance even with the highest site demands.



High level suction for cooling and combustion air with minimum dust levels.



Fast access to maintenance points.



Access from all sides.



Well-protected control centre in the cab.

SAVING TIME.

■ SERVICE PLATFORM.

The service platforms are on both sides of the machine to facilitate access to the maintenance areas and are a valuable aid to fast and safe maintenance work.

■ CENTRAL LUBRICATION SYSTEM

The central lubrication system supplies the mechanical bearing points. The lubricant container with agitator allows the lubricant to be conveyed free of air locks and features an automatic interval function. The grease container has a sufficient supply for up to 500 operating hours. A malfunction alarm guarantees the reliable supply to all lubricating points.

■ REVERSIBLE FAN

By reversing the air flow (automatic and manual cycles), dust and coarse particles are blown from both the radiator grid and the air grilles. In addition to increasing operational reliability and the machine's life, the reversible fan also reduces radiator cleaning and lowers fuel consumption by automatically adjusting output to site conditions. A hood is also included to optimise air flow.



The service platform gives access to the maintenance area.



Running smoothly...

■ WARRANTY EXTENSION AND MAINTENANCE CONTRACTS*

BOMAG Service offers customised service packages to suit individual requirements and allowing fixed operating costs. This protection against unforeseen expenses offers customers real added value.

*optional



Normal operation.

Reverse operation system BC...-2.

Reserve operation system BC...-4.

RELIABILITY AND DURABILITY.

By using the state-of-the-art proven components from leading suppliers, BOMAG ensures that customers' financial expectations are met or exceeded – not just in the first years, but throughout the entire life cycle of the machine.

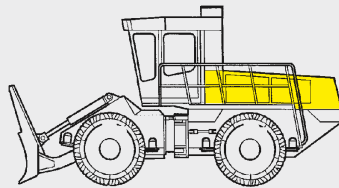
To maintain a high level of efficiency over the long-term, all components are protected by highly effective filtration technology.



Discharge side of the hydraulic filter system.



Hydraulics designed for continuous long-term operation.



Electronic monitoring of hydraulics return filter system.



Multi-stage fuel filtering.

MAINTENANCE, SERVICE AND WARRANTY.

YOU ARE LOOKING FOR:

Maximum machine reliability and a long service life coupled with minimal operating costs.

THE SOLUTION:

Save time and money with BOMAG spare parts and service products.

- No expensive consequential damage through the use of alternative parts that are not compatible. Only BOMAG Genuine spare parts meet the requirements of your refuse compactor in terms of quality and functionality.

- BOMAG coolants and lubricants meet the high demands of the machine components and maximise both the maintenance cycles and service life.
- BOMAG service kits contain all the necessary parts for proper maintenance in one package at attractive prices. It couldn't be easier.

For your own peace of mind: profit from BOMAG's expertise in service and spare parts.



BOMAG TELEMATIC.

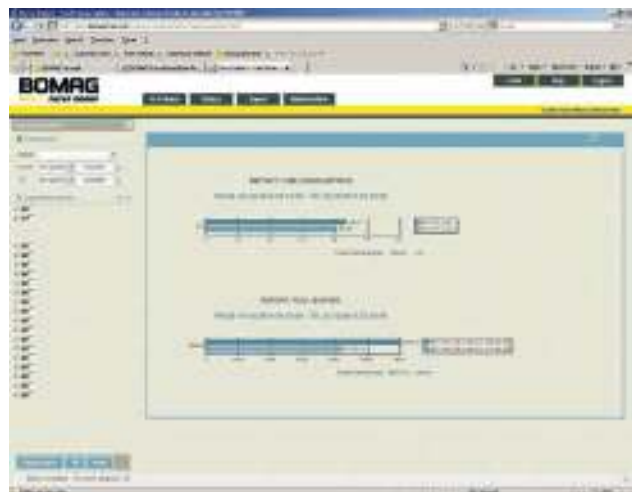
YOUR MACHINE IS JUST A MOUSE CLICK AWAY.

BOMAG also supports customers in the back office. BOMAG TELEMATIC provides the most important machine data at all times – e.g. operating hours and machine output – regardless of machine location. BOMAG TELEMATIC will monitor and manage the entire fleet. Customers know at all times where the machines are, how they are being used and when the next service is due. Alarms are automatically triggered if, for example, a machine leaves a defined construction site without authorisation. BOMAG TELEMATIC also allows fuel costs to be allocated in detail, and service work to be planned and documented. All the recorded data can be tracked.

- **Maintenance scheduling:** The entire fleet at a glance. All services are centrally documented.
- **Full fuel monitoring:** BOMAG TELEMATIC provides precise information about actual fuel consumption.
- **Flexibility:** BOMAG TELEMATIC is the solution for the entire fleet: machines from other manufacturers can be readily incorporated.



Know where machines are at all times.

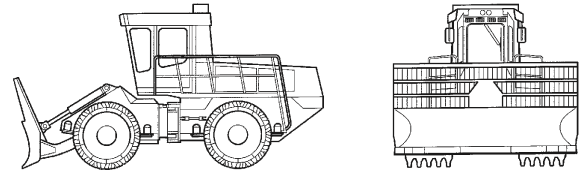


Fuel costs can be allocated in detail.

BOMAG REFUSE COMPACTORS – HIGH VERSATILITY WITH A WIDE CHOICE OF OPTIONAL EQUIPMENT.

Basic machine

- BC 672 RB-2 32,1 t, 330 kW
- BC 672 RB-4 32,6 t, 340 kW (4/4final)
- BC 772 RB-2 36,5 t, 330 kW
- BC 772 RB-4 37 t, 340 kW (4/4final)
- BC 772 RS-2 37,3 t, 330 kW
- BC 772 RS-4 37,8 t, 340 kW (4/4final)



Standard

Shifting and distributing

- Adjustable scraper systems
- Wire deflector on the inside of the wheels
- 4 wheel drive

Wheels

Ergonomics and ease of operation

- ROPS/FOPS cab
- Vibration-insulated cab suspension
- Air-cushioned driver's seat with seat heating
- Joystick operation next to the driver's seat
- Automatic heating/air conditioning system
- Activated carbon filter for the cab air
- Sun shade

Reliability and durability

- Hydraulic filter system with wear monitoring
- Electronic monitoring module with engine stop
- 3 stage fuel filter
- BOMAG TELEMATIC POWER

Safety

- Windscreen wiper front and rear
- Interval switch for windscreen wiper
- Exterior rear-view mirrors on both sides, heated
- Inside exterior rear-view mirror
- Flashing beacon LED
- LED working lights
- Reversing monitor

Ease of maintenance and availability

- Maintenance platform both sides
- Central lubrication system
- Reversible fan

Miscellaneous

Optional

- Dozer blade 3.8 m
- Dozer blade open, 4.3 m
- Semi U-blade, 3.75 m
- Semi U-blade, 4.45 m
- Tooth system for bucket, 4.5 m³
- Tarpomatic pre-fitting

- Wheels with BOMAG replacement caps
- Premium wheels with warranty

- Auxiliary heating

- Tachograph
- Protective ventilation pre-fitting
- Anti-theft protection

- Warranty extension

- Customised one colour paint, not incl. cab
- Customised two colour paint, not incl. cab
- Customised paint for cab
- Multi-coloured paint
- Bio/hydraulic oil



