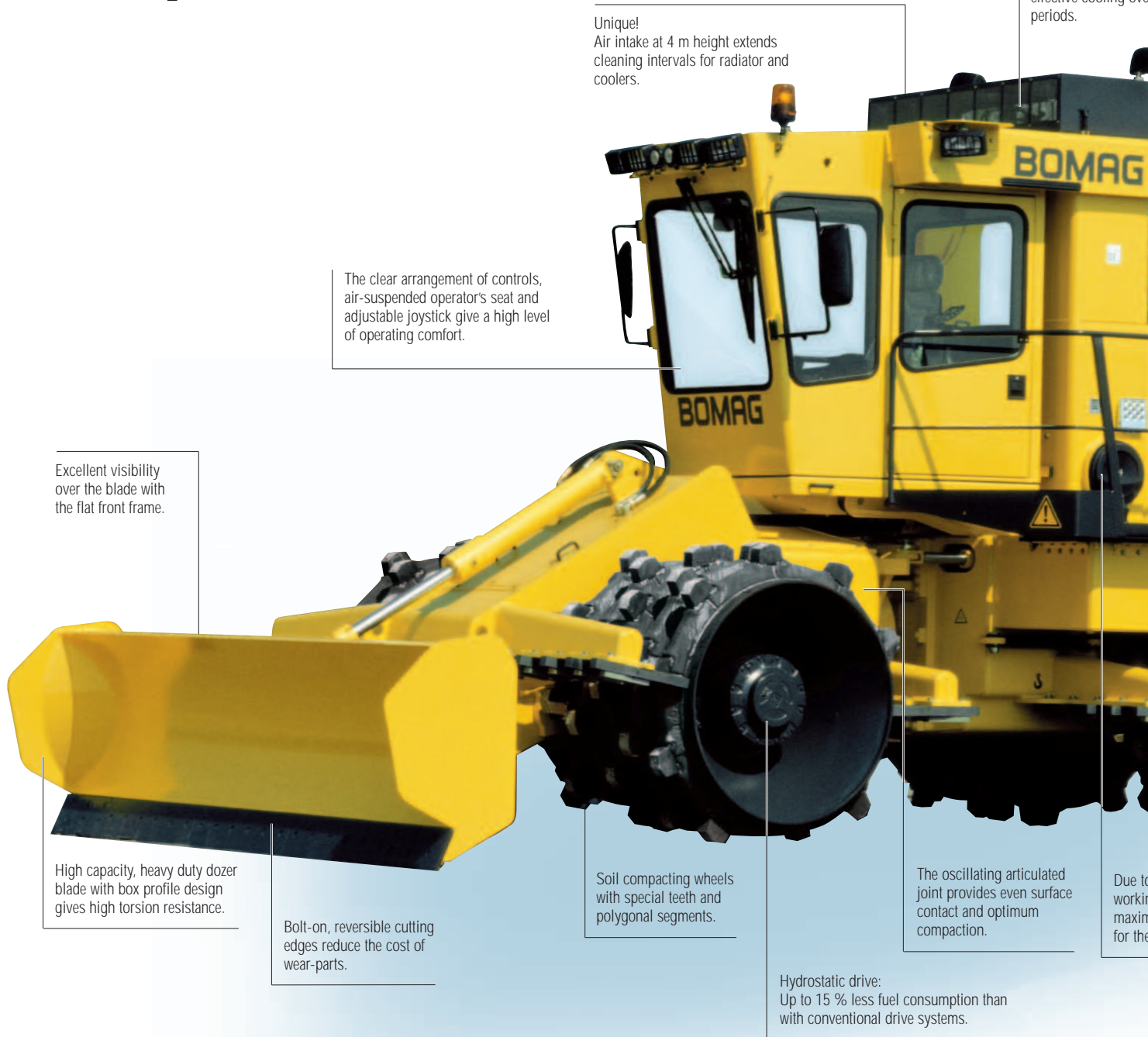


Soil Compactor

29 t



Soil Compactor BC 672 EB



Clean air flows through the air-conditioning for effective cooling over long periods.

Unique! Air intake at 4 m height extends cleaning intervals for radiator and coolers.

The clear arrangement of controls, air-suspended operator's seat and adjustable joystick give a high level of operating comfort.

Excellent visibility over the blade with the flat front frame.

High capacity, heavy duty dozer blade with box profile design gives high torsion resistance.

Bolt-on, reversible cutting edges reduce the cost of wear-parts.

Soil compacting wheels with special teeth and polygonal segments.

The oscillating articulated joint provides even surface contact and optimum compaction.

Due to working maximum for the

Hydrostatic drive: Up to 15 % less fuel consumption than with conventional drive systems.

■ Combines spreading and compacting

The BOMAG soil compactor is based on the successful refuse compactor range. All of the best features from these proven models have been incorporated into the BOMAG soil compactor.

The result: a powerful machine ideal for use on large scale earthworks where both high compaction and extra pushing power are required.

■ Excellent compaction and traction

Optimum compaction with high area output is required for a high speed earth compactor. Heavy weight and a powerful drive are not enough on their own – an effective wheel design makes the big difference. On the BOMAG soil compactor, polygonal compactor wheels with specially shaped and high wear-resistant tamping feet ensure excellent compaction. Better compaction is produced, even on large areas, through the compaction effect of the tamping feet with the kneading

effect of the polygonal wheel segments. Massive, adjustable scrapers in front of and to the rear of each wheel act between the polygonal discs and prevent clogging, especially on highly cohesive soil and clay.

ugh the condenser in
system. This ensures
or long working

The powerful, water-
cooled diesel engine
complies with all
exhaust legislation.



to the power on demand steering and
ing hydraulics (with load-sensors)
um engine power is always available
e drive system.

■ **Compaction concept**

The polygonal discs on the front and rear wheels are arranged in a staggered formation, so that a single pass results in optimum compaction over the width of the track. Due to the special ratio between wheel width and overall width a compaction width of 5 metres is produced after two passes, with the wheels offset by one wheel width on the second pass. This produces high area output with just a few passes, saving time and boosting productivity and cost-effectiveness.

■ **Drive system**

The fully hydrostatic drive with four independent hydraulic circuits transfers the high power of the water-cooled turbo-charged diesel engine into drive and pushing power. The automatic flow control maintains optimum travel speed and pushing power on every application. Full power is always guaranteed: during compaction work on the level, on a slope or when dozing.

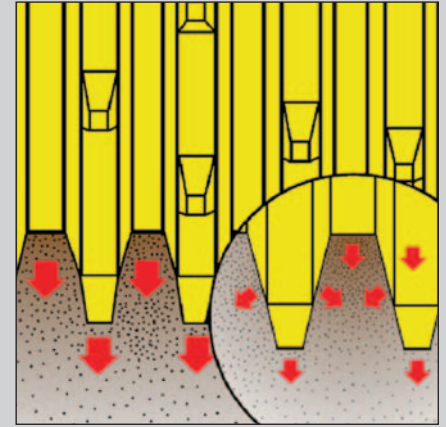
■ **Rugged design**

On heavy earthworks only the best designs suffice. The frame of the BOMAG soil compactor is a self-supporting and torsion-resistant design. The underside is a smooth fully enclosed box-type frame which protects individual hydrostatic wheel drives from damage. All drive components are located within the frame: there are no external axles and no access for dirt into the engine compartment. Thus the machine is totally protected against dirt, dust and damage.

■ **Safety and comfort**

Efficiency is not at the cost of safety. So the BOMAG soil compactor has a low centre of gravity and thus a high level of operational safety. The ROPS structure complies with all current legislation. In addition to automatic braking with the hydrostatic drive, an independent automatic parking and emergency brake system guarantees travel safety at all times. Changing drive direction without interrupting power flow is achieved via the fully hydrostatic drive feature.

The ROPS cab with excellent all-round visibility and a high level of comfort, together with standard joystick steering, gives a fatigue-free and comfortable working environment. The cab is elastically mounted on rubber buffers and the operator's seat is pneumatically suspended.



How the segmented wheels create additional lateral forces for better compaction.



The totally enclosed frame protects all drive components.



Safety: the suspended cab reduces shock loads.



Ergonomic arrangement of all operating controls, simple and fatigue-free joystick operation.

Best for

COMPACTION

Comfort and safety

All operating controls can be easily reached and are clearly arranged. The combined heating and air-conditioning system ensures that all windscreens are kept clear and the driver works in comfort.

Reliability and easy maintenance

Servicing and maintenance influence the availability and thus the operating costs of a soil compactor. The time required for maintenance work is drastically cut by the service design from BOMAG.



Optimum compaction of large areas with the special BOMAG wheel design.

Good access to all components within the closed frame. An electronic safety system supervises the operating performance of the machine.

The hydrostatic drive is virtually service-free. With the special BOMAG oil filter system the change intervals for hydraulic oil have been extended to 2,000 operating hours.



Soil compacting wheel.

Access to the engine compartment from above and from the side is easy via swivel service doors.

Hydraulic components and diesel engine can be reached easily through large service hatches.

The reliable 24V on-board electric system reduces the strain on electric components. Quality, reliability and minimum operating costs make the BOMAG soil compactor BC 672 EB the ideal machine for large areas on earthworks applications.

BOMAG provides local service and support no matter where your next contract is located.

As world market leader in compaction equipment, we offer you the widest range of products backed by expert support and advice aimed at keeping your operation profitable.

Modern manufacturing plants in Germany, USA and China together with licencees and partners around the world supply BOMAG rollers to global markets.

Regional customer care is centred on six branches in Germany, eight subsidiaries in Austria, Canada, China, France, Great Britain, Italy, Japan and USA, one sales office in Singapore and over 500 independent BOMAG dealers.

BOMAG Service. Everywhere and for every need. Our branches and dealers are backed by BOMAG's Central Parts warehouse where about 40,000 parts are held against customer requirements. You expect top service from BOMAG. We aim to provide it.

Quality! For the paint finish of the machine BOMAG as far as possible uses a high quality environmentally friendly powder coating, which excels by its excellent resistance against corrosion, scratching and ultraviolet light.

BOMAG. The world's foremost compaction company.

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

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