

BOGE'S E SERIES

Simple. Smart. Economical.

THE NEW



BOGE quality through and through

So, everything as usual? Not at all. Just consistently reduced to the essentials. That is how the new BOGE E series makes reliable compressed air supply particularly straightforward and cost-effective! Brand-new in this price segment: solid quality with internal pipework, but above all, well-known comprehensive service provided by the compressed air pioneer! This new series, with drive options from 4 to 30 kW, combines durable components with low purchasing costs and economical maintenance as well as the confidence of being able to rely on BOGE's "made in Germany" quality at all times.

Optimised intake process

Seamless operation is determined by the efficient channelling of air to the compressor and by the purity of the intake air. To ensure ideal conditions, large intake filters are used to keep out dirt and dust, thus extending the compressor's service life. The intake regulator is designed for ideal flow and the automatic intake control – hermetically sealed during standstill – enables a machine-friendly, fully balanced start-up.

Tried-and-tested airend

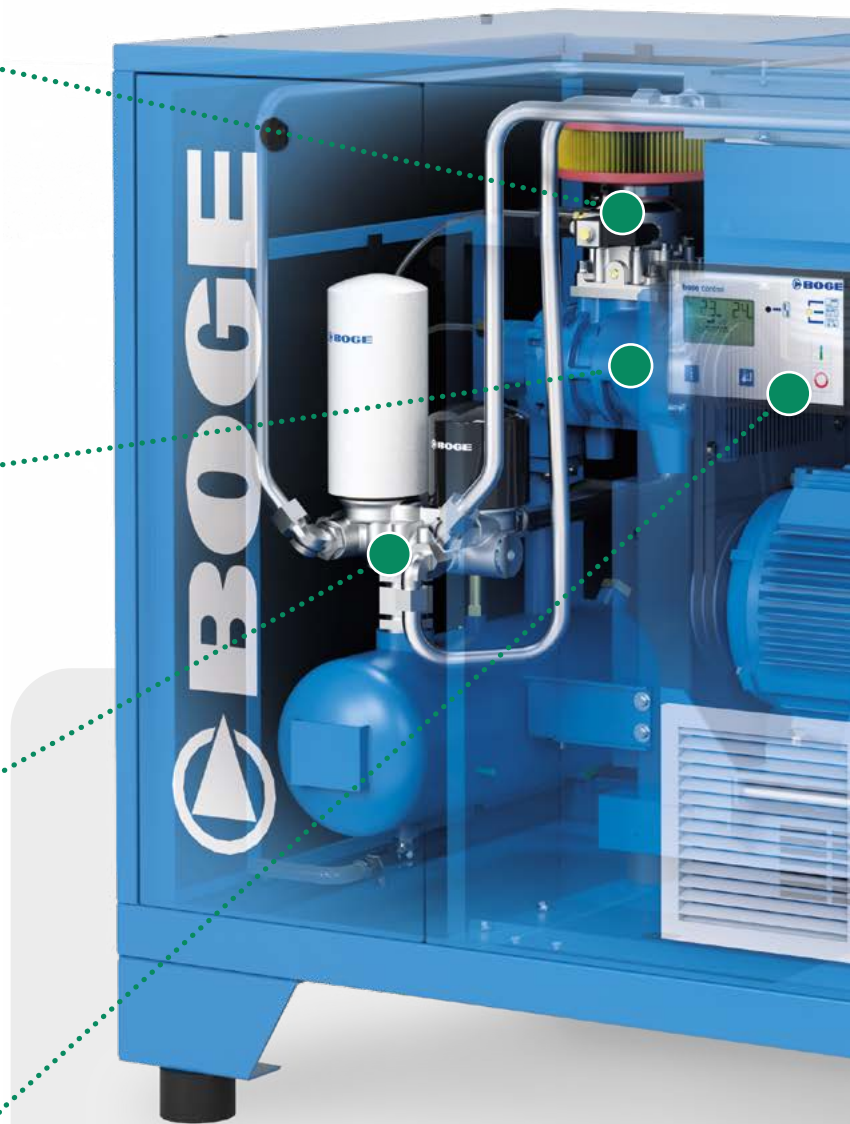
Developed and produced in Germany, the BOGE efficiency airend stands out with maximum efficiency and optimised free air delivery. Low rotor speed and quality ball bearings ensure quiet, low-vibration and low-maintenance operation.

Multi-stage oil separation system

Effective pre-separation takes place in the oil-air combination tank to ensure a consistently low residual oil content in the compressed air. Fine separation is achieved using a highly efficient oil-separator cartridge – all with a view to the oil's long service life ... and easy replacement!

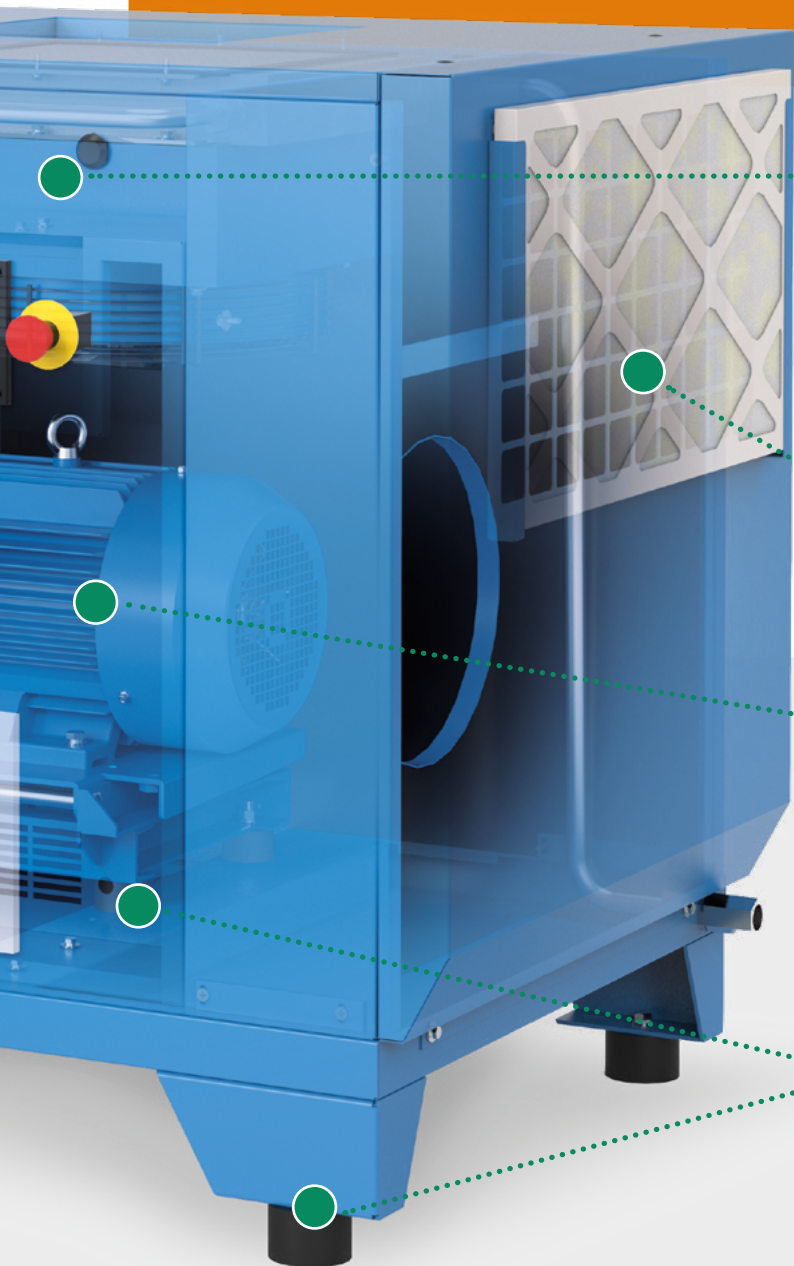
Integrated machine control

Automatic frost protection mode, leakage monitor – the BOGE base control offers more than just the basic functions of a compressor control unit. In the new E series, this control – a guarantee of efficient operation – is integrated into the electrical switch cabinet as standard.



THE NEW

**TECHNICAL
DATA**
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Effective cooling

... is guaranteed by an intelligently designed combination cooler (a combination of oil and compressed-air coolers). Thanks to its optimised cooling air routing and generous dimensions, the compressed air cooler ensures low compressed air temperatures at the outlet at all times.

Supply air filter mat supplied as standard

All systems are equipped with a supply air filter mat to protect them from gross contamination and to keep the interior clean at all times.

Proven drive technology

... with durable standard components, such as the GM drive system developed in-house, promises trouble-free operation with minimal wear and significantly simplified maintenance. The three-phase motors are ideal for industrial applications and thanks to Energy Efficiency Class IE3, power consumption and operating costs are reduced.

Consistent vibration decoupling

To effectively reduce pulsation-induced vibrations and the noise level, both the machine assembly and the overall construction are fully vibration-isolated. This is because fewer vibrations reduce wear and ensure a longer service life for the components.

BOGE'S E SERIES

Simple. Proven. Reliable.

The new BOGE E Series concept shows how you can save costs by focusing on the essentials of a compressor: There is no compromise on quality – only original BOGE components are used. However, the use of a maintenance-friendly design helps noticeably reduce service costs.

THE NEW

**“Made in Germany
with built-in BOGE
service support.”**

Jonas Begemann,
BOGE Product Manager



Accessible for easy maintenance

Removable side panels facilitate access to all components requiring regular maintenance: The oil separator cartridge as well as the oil and intake filters are located on the outside. The compact design allows transport using a pallet truck from any side. And if the motor or airend ever needs to be replaced, individually available standard components keep costs low.



Tension guaranteed

The BOGE GM drive system is regarded as an exceptionally smart solution: This formerly patented system takes into account all belt tensioning forces based on motor weight, starting torque as well as operating torque, and ensures constant belt tension during every operating phase. No more manual re-tensioning of the V-belt; less maintenance and less effort!



Primed for saving energy

Maximum operational reliability and convenient operation go hand-in-hand with the modern BOGE base control microprocessor control system: It monitors and protects the system against damage, automatically selects the most economical operating mode and offers frost protection for compressors down to -10 °C. The best conditions for safe operation!



Flow-optimised cooling air

The BOGE E series cooling air system is one of the technical highlights in which the soundhood plays a constructive role: It ensures ideal cooling air and effective cooling of all components which, not least, increases the service life. At the same time, a highly effective compressed air aftercooler guarantees ideal compressed air temperatures at the outlet for compressed air treatment.



BOGE'S E SERIES

Complete. Compact. Ready to go.

THE NEW

The new BOGE E Series lives up to our motto – The air to work. It is perfectly suited to serve as a compact central compressed air system that is ready to use straight away. With a high-quality refrigerant compressed air dryer and compressed air receiver in the smallest possible space. Supported by a service concept designed to give customers complete confidence, with expert support available when it matters.



Refrigerant dryer. Simple. Economical.

The DT e refrigerant compressed air dryer, specially designed for the E series, leads in all relevant criteria – both in terms of its CO₂ footprint and its extremely low power consumption. Low flow rates and a stable dew point – these dryers offer what matters in practice. Operation and setting of the pressure dew point (up to +3 °C) are extremely simple. A time-controlled condensate drain is also integrated.



BOGE bestcair. Comprehensive protection.

The three year Boge bestcair guarantee is new for this price segment. It offers maximum security. During this period, maintenance is carried out by certified BOGE service technicians. Plus, the guarantee on all A parts ensures not only a high level of operational reliability but also consistent system efficiency. Three customised “servicepacs” are available to ensure transparent, low-cost maintenance: basic, add-on +4000 and add-on +6000.



BOGE support. Flexible. Reliable.

If the air really does get “thin”, our service specialists are always available for you. Seven days a week, in emergencies, you will receive rapid telephone assistance and technical support around the clock from our compressed air experts in the large BOGE service network with many local partners.



Your central compressed air system. Ready to go.

What really counts in trades, workshops and bakeries is the reliability of processes. This is where the new BOGE E series fills a gap: Not only does it provide the required free air delivery using solid, proven technology. But it also noticeably lowers the threshold for purchasing costs. Especially when it is designed as a central compressed air system for “plug & play” – with a matching dryer and 400-litre tank.





BOGE AIR. THE AIR TO WORK.

Best
Of
German
Engineering

Customers in more than 120 countries worldwide trust the BOGE brand. Already in its fourth generation, this family-run company directs all its experience into developing innovative solutions and exceptionally efficient products for the compressed air industry.